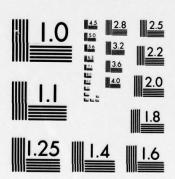
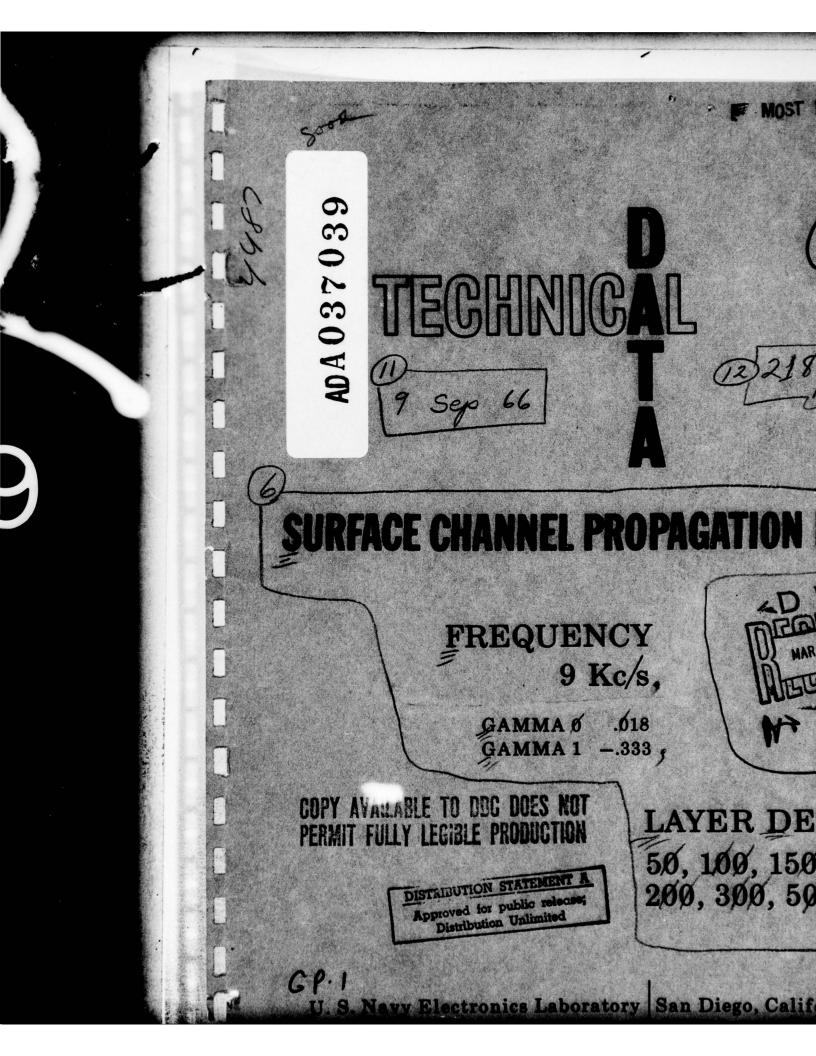


OF

37039



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A



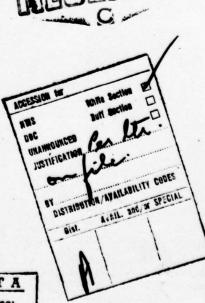
CODE 3110D TECHNICAL DATA

The enclosed Technical Data were computed using a surface channel prediction model developed at the U. S. Navy Electronics Laboratory in San Diego. These results have been compiled for use by personnel at NEL and other Naval Laboratories in predicting sonar system performance in the surface channel propagation mode. These data are not to be considered an official NEL Report. It is hoped that a limited distribution of this information will also facilitate the comparison of these predictions with the results of fleet operational tests.

9 September 1966

COPY AVAILABLE TO DDG DOES NOT PERMIT FULLY LEGIBLE PRODUCTION

U. S. NAVY ELECTRONICS LABORATORY SAN DIEGO, CALIFORNIA 92152



DISTRIBUTION STATEMENT A

Approved for public release; Distribution Unlimited



INTRODUCTION

The enclosed propagation loss data have been obtained using a computational prediction program developed by NEL Code 3110D. These loss data have been compiled in order to provide a convenient reference manual for use in surface channel sonar predictions.

These computations were carried out using Surface Channel Propagation Loss Model (I) which has been described in NEL Tech Memo 921 (1). This prediction model computes propagation loss from the expression:

PROPAGATION LOSS = SPREADING LOSS + SURFACE SCATTERING LOSS + ABSORPTION LOSS,

The spreading loss is calculated by use of Normal-Mode expressions developed by NEL Code 3185 (2).

Surface scattering loss is calculated from the expressions developed by Marsh and Schulkin which appear in the "AMOS" Report (3). These basic "AMOS" expressions have been modified to allow the velocity gradient in the layer to vary, and to also exhibit a more gradual transition between low and high sea-state conditions.

Absorption loss is calculated from the expressions of Marsh and Schulkin which are given in the "AMOS" Report (3).

UNITS AND DEFINITION OF SYMBOLS

SYMBOL	DESCRIPTION
ZTG	Target Depth in Feet.
TEMP	Surface Water in Degrees F.
LWA	Wave Height in Feet.
ZL	Layer Depth in Feet.
zx	Source Depth in Feet.
cs	Surface Sound Velocity in FT/SEC.

UNITS AND DEFINITION OF SYMBOLS, Continued

SYMBOL	DESCRIPTION
FREQ	Frequency in KC/Sec.
GAMMAO	Gradient within Layer in FPS/FT.
GAMMAL	Gradient Below Layer in FPS/FT.
HSC	Total One-Way Propagation Loss in dB.
HSCUM	Total Two-Way Propagation Loss in dB.
HSSC	One-Way Surface Scattering Loss in dB.
HKSC	One-Way Absorption Loss in dB.

The computed results have been presented in tabular form to give one-way propagation loss, two-way propagation loss, one-way surface scattering loss, and one-way absorption loss for a series of horizontal range values.

The data in this manual was computed for the following constant conditions:

FREQUENCY = 9 KC

SOURCE DEPTH = 20 FT.

GRADIENT IN LAYER = .018 FPS/FT.

GRADIENT BELOW LAYER = -.3333 FPS/FT.

SURFACE WATER TEMPERATURE = 60 DEGREES F.

SURFACE SOUND VELOCITY = 4947 FPS.

Computations have been carried out for several values of layer depth, target depth, and wave height. Six values of layer depth were selected, and for each of these six layer depths four and sometimes five associated target depths were used.

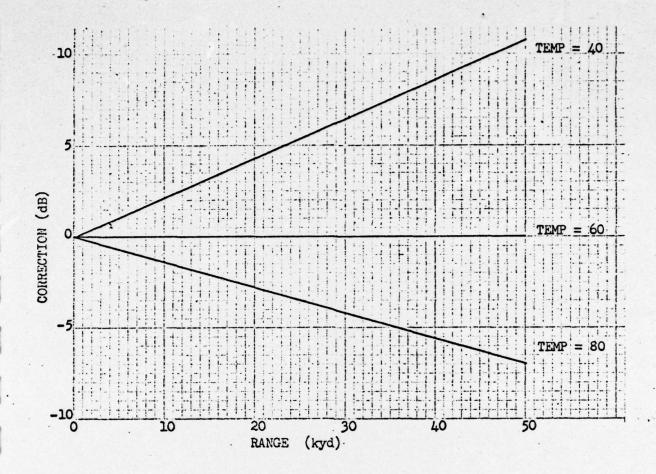
The layer depths selected are 50 FT, 100 FT, 150 FT, 200 FT, 300 FT, and 500 FT. The computed print-outs for these various depths are indexed with visible external tabs. For each of these layer depths the target depth was fixed at periscope depth, layer depth, 100 FT below the layer, and at the depth computed from the expression 30VLAYER DEPTH. For the 300 FT and 500 FT layers a mid-channel target was also included.

For each layer depth and associated target depth, a series of loss computations were carried out for wave heights of 1, 2, 3, 4, 6, 8, and 10 FT.

The resulting data have been organized by labeled separators in order to facilitate finding a particular set of data. Each tabulated page includes a list of the input parameters which apply.

For sea surface temperatures which differ from the 60 Degrees

Fahrenheit used in the computations, a slight correction can be carried out by using the following temperature correction curves. The corrections indicated are for one-way propagation and should be doubled for two-way cases.



REFERENCES

- 1. Watson, W. H. and McGirr, R. W., A Surface Channel Propagation Loss Model (I), NEL Tech Memo 921, 30 March 1966.
- 2. Pedersen, M. A. and Gordon, D. F., "Normal-Mode Theory Applied to Short-Range Propagation in an Underwater Acoustic Surface Duct", <u>JASA</u> Volume 37, No. 1, Jan 1956.
- 3. Marsh, Jr., H. W. and Schulkin, Morris, Report on the Status of Project AMOS (Acoustic, Meteorological, and Oceanographic Survey)", USL/Report 255, 21 March 1955.

	T PARAMETER						
LWA	1.00 35.0		FREQ	9.000		GAMMAO	4947.00
žL	50.0		TEMP	60.00		GAMMA1	-0.33330
	RANGE	HSC	няс	SUM	HSSC	нк	sc
· -0-	1.00000	61.9984		3.997	1.93178		.483212
	1.50000						
		66.1784		2.357	2.89766		.724818
2	2.00000	69.5815	13	9.163	3.86355	0	.966423
3 -	3.00000	75.0909	15	0.182	5.79533	1	.44964
4	4.00000	79.5970	15	9.194	7.72710	1	93285
5	5.00000	83,5306	16	7.061	9.65888	2	.41606
6 :	6.00000	87.1201	17	4.240	11.5907	2	.89927
7	8.00000	93.7247	18	7.449	15.4542	3	.86569
8	10.0000	99.9087	19	9.817	19.3178	4	.83212
-9	15.0000	114.449	22	8.897	28.9766	7	.24818
10	20.0000	128.244		6.489	38.6355		.66423
11	25.0000	141.604		3.207	48.2944		2.0803
12	30.0000	154.685	30	9.370	57.9533	. 1	4.4964
13	40.0000	180.355	36	0.709	77.2710	1	9.3285
14	50.0000	205.652	41	1.304	96.5888	2	4.1606
Paras							
PAGE	1			•			

INPUT PARAMETERS LWA 3.00000 FREO 9.00000 CS 4947.00 20.0000 ZTG 35.0000 ZX. GAMMAO 0.0180000 ZL 50.0000 TEMP 60.0000 -0.333300 GAMMA1 RANGE HSC HSCSUM HSSC-HKSC 1.00000 62.3380 124.676 2.27145 0.483212 1.50000 66.6879 133.376 3.40718 0.724818 2.00000 70.2609 4.54290 140.522 0.966423 3.00000 76.1099 152.220 6.81435 1.44964 4.00000 80.9557 161.911 9.08580 1.93285 5.00000 85.2290 170.458 11.3572 2.41606 6.00000 89.1582 178.316 2.89927 13.6287 8.00000 96.4421 192.884 18.1716 3.86569 10.0000 103.305 206.611 22.7145 4.83212 15.0000 119.544 239.088 34.0718 7.24818 10 20.0000 135.038 270.076 45.4290 9.66423 11 25.0000 150.095 300.191 12.0803 56.7863 30.0000 12 164.875 329.751 68.1435 14.4964 40.0000 13 193.942 387.883 90.8580 19.3285 50.0000 222.636 24.1606 445.271 113.573 PAGE 3

RANGE HSC HSCSUM HSSC HKSC 0 1.00000 63.4688 126.938 3.40217 0.483212 1 1.50000 68.3840 136.768 5.10326 0.724818 2 2.00000 72.5223 145.045 6.80435 0.966423 3 3.00000 79.5021 159.004 10.2065 1.44964 4 4.00000 85.4786 170.957 13.6087 1.93285 5 5.00000 90.8826 181.765 17.0109 2.41606 6 6.00000 95.9425 191.885 20.4130 2.89927 7 8.00000 105.488 210.976 27.2174 3.86569 8 10.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 178.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964	LWA ZTG	4.00		FREQ ZX	9.0000		CS GAMMAO	4947.00
0 1.00000 63.4688 126.938 3.40217 0.483212 1 1.50000 68.3840 136.768 5.10326 0.724818 2 2.00000 72.5223 145.045 6.80435 0.966423 3 3.00000 79.5021 159.004 10.2065 1.44964 4 4.00000 85.4786 170.957 13.6087 1.93285 5 5.00000 90.8826 181.765 17.0109 2.41606 6 6.00000 95.9425 191.885 20.4130 2.89927 7 8.00000 105.488 210.976 27.2174 3.86569 8 10.0000 114.613 229.225 34.0217 4.83212 9 15.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 1/8.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964								
1 1.50000 68.3840 136.768 5.10326 0.724818 2 2.00000 72.5223 145.045 6.80435 0.966423 3 3.00000 79.5021 159.004 10.2065 1.44964 4 4.00000 85.4786 170.957 13.6087 1.93285 5 5.00000 90.8826 181.765 17.0109 2.41606 6 6.00000 95.9425 191.885 20.4130 2.89927 7 8.00000 105.488 210.976 27.2174 3.86569 8 10.0000 114.613 229.225 34.0217 4.83212 9 15.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 1/8.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964		RANGE	HSC	HSCS	SUM	HSSC	нк	sc
2 2.00000 72.5223 145.045 6.80435 0.966423 3 3.00000 79.5021 159.004 10.2065 1.44964 4 4.00000 85.4786 170.957 13.6087 1.93285 5 5.00000 90.8826 181.765 17.0109 2.41606 6 6.00000 95.9425 191.885 20.4130 2.89927 7 8.00000 105.488 210.976 27.2174 3.86569 8 10.0000 114.613 229.225 34.0217 4.83212 9 15.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 1/8.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964	0	1.00000	63.4688	120	5.938	3.40217	0	.483212
3 3.00000 79.5021 159.004 10.2065 1.44964 4 4.00000 85.4786 170.957 13.6087 1.93285 5 5.00000 90.8826 181.765 17.0109 2.41606 6 6.00000 95.9425 191.885 20.4130 2.89927 7 8.00000 105.488 210.976 27.2174 3.86569 8 10.0000 114.613 229.225 34.0217 4.83212 9 15.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 1/8.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964	1	1.50000	68.3840	136	5.768	5.10326	0	.724818
4 4.00000 85.4786 170.957 13.6087 1.93285 5 5.00000 90.8826 181.765 17.0109 2.41606 6 6.00000 95.9425 191.885 20.4130 2.89927 7 8.00000 105.488 210.976 27.2174 3.86569 8 10.0000 114.613 229.225 34.0217 4.83212 9 15.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 1/8.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964	2	2.00000	72.5223	14	5.045	6.80435	0	.966423
5 5.00000 90.8826 181.765 17.0109 2.41606 6 6.00000 95.9425 191.885 20.4130 2.89927 7 8.00000 105.488 210.976 27.2174 3.86569 8 10.0000 114.613 229.225 34.0217 4.83212 9 15.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 1/8.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964	3	3.00000	79.5021	159	9.004	10.2065	1	.44964
6 6.00000 95.9425 191.885 20.4130 2.89927 7 8.00000 105.488 210.976 27.2174 3.86569 8 10.0000 114.613 229.225 34.0217 4.83212 9 15.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 178.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964	4	4.00000	85.4786	170	0.957	13.6087	1	.93285
7 8.00000 105.488 210.976 27.2174 3.86569 8 10.0000 114.613 229.225 34.0217 4.83212 9 15.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 178.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964	5	5.00000	90.8826	18:	1.765	17.0109	2	.41606
8 10.0000 114.613 229.225 34.0217 4.83212 9 15.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 178.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964				19:	1.885			.89927
9 15.0000 136.505 273.009 51.0326 7.24818 10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 178.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964								
10 20.0000 157.652 315.305 68.0435 9.66423 11 25.0000 1/8.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964								
11 25.0000 1/8.364 356.727 85.0544 12.0803 12 30.0000 198.797 397.594 102.065 14.4964								
12 30.0000 198.797 397.594 102.065 14.4964								
13 40.0000 239.1/1 4/8.341 136.087 19.3285								
	13	40,0000	239.1/1	4/8	5.341	136.08/	1	9.3285
								•

INP	UT PARAM	ETERS							
LWA ZTG		6.00000		FREQ ZX		9.00000	/	CS GAMMAO	4947.00
žL.		50.0000		TEMP		60.0000		GAMMA1	-0.33330
	RANGE	ı	HSC		HSCSUM		HSSC		нкѕс
0	1,0000	0	63.9292		127.8	58	3.86261	•	0.483212
	1.5000	0	69.0747		138.1	49	5.79391	•	0.724818
5	2.0000	0	75.4432		146.8	86	7.72522		0.966423
3	3.0000	0	80.8834		161.7	67	11.5878	}	1.44964
4	4.0000	0	87.3203		174.6	41	15.4504		1.93285
5	5.0000	0 .	93.1848		186.3	70	19.3130)	2.41606
6	6.0000	0	98.7051		197.4	10	23.1756	5	2.89927
7	8.0000	0	109.171		218.3	43	30.9009)	3.86569
8	10.000	0	119.217		238.4	34	38.6261		4.83212
9	15.000	0	143.411		286.8	55	57.9391	•	7.24818
10	20.000	0	166.861		333.7	2.5	77.2522)	9.66423
11	25.000	0	189.874		379.7	49	96.5652	?	12.0803
12	30.000	0	212.610		425.2	20	115.878	3	14.4964
PAG	E 5								
						-			

The second secon

INPU	T PARAMETER	S					
LWA ZTG ZL	8.00 35.0 50.0	000	FREQ ZX TEMP	9.0000 20.000 60.000	O G	S AMMAO AMMA1	4947.00 0.01800 -0.33330
	RANGE	HSC	HSCSU	JM .	HSSC	HKSC	
0	1.00000	63.9292	127.	858	3.86261	0.4	83212
1	1,50000	69,0747	138.	149	5.79391	0.7	24818
2 -	2.00000	73.4432	146.	886	7.72522	0.9	66423
3	3.00000	80.8834	161.	767	11.5878	1.4	4964
4	4.00000	87.3203	174.	641	15.4504	1.9	3285
- 5	5.00000	93.1848	186	370	19.3130	2.4	1606
- 6	6.00000	98.7051	197.	410	23.1756	2.8	9927
7	8.00006	109.171	218.	343	30.9009	3.8	6569
8	10.0000	119.217	238.	434	38.6261	4.8	3212
9	15.0000	143.411	286.	822	57.9391	7.2	4818
10	20.0000	166.861	333.	722	77.2522	9.6	6423
11	25,0000	189.874	379.	749	96.5652	12.	0803
12	30.0000	212.610	425	220	115.878	14.	4964
PAGE	6						

INPU	T PARAMETERS	3					
LWA ZTG ZL	10.00 35.00 50.00	000	FREQ ZX TEMP	9.000 20.00 60.00	00	CS Gammao Gammai	4947.00 0.018000 -0.333300
	RANGE	HSC	нѕс	SUM	HSSC	нк	sc
 0	1.00000	65.9292		7.858	3.86261		.483212
_1	1.50000	69.0747	13	8.149	5.79391	0	.724818
2	2.00000	73.4432	14	6.886	7.72522	0	.966423
3	3.00000	80.8834	16	1.767	11.5878	1	.44964
4	4.00000	87.3203	17	4.641	15.4504	1	.93285
5	5.00000	93.1848	18	6.370	19.3130	2	.41606
6	6.00000	98.7051	19	7.410	23.1756	2	.89927
7	8.00000	109.171	21	8.343	30.9009	3	.86569
8	10.0000	119.217	23	8.434	38.6261	4	83212
9	15.0000	143.411	28	6.822	57.9391	7	.24818
10	20.0000	166.861	33	3.722	77.2522	9	.66423
11	25.0000	189.874	37	9.749	96.5652	1	2.0803
12	30.0000	212.610	42	5.220	115.878	. 1	4.4964
PAGE	7						
				•			
							a man and a contracting a season of the contracting and the
	and year of the second		•				

I	NPL	IT	PA	RAN	4FT	ERS
•		, ,	_	1101	1 - 1	E113

LWA		0000	FREQ 9.000		4947.0
ZT C		0000	ZX 20.00 TEMP 60.00		
1					
	RANGE	HSC	HSCSUM	HSSC	HKSC
0	1.00000	69.1334	138.267	1.93178	0.483212
-1	1.50000	75.0496	150.099	2.89766	0.724818
2	2.00000	80.0634	160.127	3.86355	0.966423
3	3.00000	88.3999	176.800	5.79533	1.44964
4	4.00000	95.3986	190.797	7.72710	1.93285
5	5.00000	101.575	203.150	9.65888	2.41606
6	6.00000	107.065	214.130	11.5907	2.89927
7	8.00000	116.152	232.304	15.4542	3.86569
8	10.0000	123.465	246.931	19.3178	4.83212
9-	15.0000	139.140	278.281	28.9766	7.24818
10	20.0000	153.684	307.368	38.6355	9.66423
11	25.0000	167.614	335.228	48.2944	12.0803
12	30,0000	181.094	362.189	57.9533	14.4964
13	40.0000	207.182		77.2710	19.3285
I					
PAC	3E 8				•

	JT PARAMETER	ls .					
LWA ≥TG ≥L	2.00 150. 50.0	000	FREQ ZX TEMP	9.000 20.00 60.00	00	CS GAMMAO GAMMA1	4947.0 0.0180 -0.3333
	RANGE	нес		HSCSUM	нѕѕс	нк	sc
0-	1.00000	69.1632		138.326	1.96148	•	.483212
1	1.50000	75.0942		150.188	2.94222	20	.724818
2	2.00000	80.1228		160.246	3.92296	. — — 0	.966423
3	3.00000	88.4891		176.978	5.88443	31	.44964
4	4.00000	95.5174		191.035	7.84591	1	.93285
5	5.00000	101.723		203.447	9.80739)2	.41606
6	6.00000	107.243		214.486	11.7689)2	.89927
7	8.00000	116.390		232.779	15.6918	3	.86569
8	10,0000	123.762		247.525	19.6148		.83212
9	15.0000	139.586		279.172	29.4222		.24818
10	20.0000	154.278		308.557	39.2296		.66423
- 12-	30.0000	181.985		363.971	58 8443		2.0803
	40.0000	208.371		416.741	78.4591		9.3285
		and a great water to be a second to					
PAGI	9						
				•			
	to the second						

1	NPUT	PARAMETER	S					
	WA TG	3.00 150. 50.0	000	FREQ ZX TEMP	9.000 20.00 60.00	000	CS GAMMAO GAMMA1	4947.0 0.0180 -0.3333
	F	RANGE	нес		HSCSUM	HSSC		HKSC
	0	1.00000	69,4731		138.946	2.2714	15	0.483212
	1	1,50000	75.5591		151.118	3.4071	L 8	0.724818
	2	2.00000	80.7428		161.486	4.5429	90	0.966423
	3	3.00000	89.4190		178.838	6.8143	35	1.44964
	4	4.00000	96.7573		193.515	9.0858	30	1.93285
	5	5.00000	103.273		206.546	11.357	72	2.41606
	6	6.00000	109.103		218.206	13.628	37	2.89927
	7	8.00000	118.870		237.739	18.171	16	3.86569
	8	10.0000	126.862		253.724	22.71	45	4.83212
	9	15.0000	144.236		288.471	34.071	18	7.24818
1	0	20.0000	160.478		320.955	45.429	⊋ 0	9.66423
1	1	25.0000	176.106		352.212	56.786	53	12.0803
1	5	30.0000	191.285		382.569	68.143	35	14.4964
1	3	40.0000	220.769		441.539	90.858	30	19.3285
P	AGE	10						

INPUT I	PARAMETERS				
LWA ZTG ZL	4.0000 150.00 50.000	00 XX	20.00	OO GAMI	
RAI	NGE	нѕС	HSCSUM	нѕѕс	нкѕс
0-1	.00000	70.6038	141.208	3.40217	0.485212
11	.50000	77.2552	154.510	5.10326	0.724818
2-2	.00000	83.0042	166.008	6.80435	0.966423
33	.00000	92.8111	185.622	10.2065	1.44964
4 4	.00000	101.280	202.560	13.6087	1.93285
5 5	.00000	108.927	217.854	17.0109	2.41606
6 6	.00000	115.887	231.775	20.4130	2.89927
7 8	.00000	127.915	255.831	27.2174	3.86569
8 10	0.0000	138.169	276.339	34.0217	4.83212
9 1	5.0000	161.196	322.393	51.0326	7.24818
10 2	0.0000	183.092	366.184	68.0435	9.66423
11 2	5.0000	204.374	408.748	85.0544	12.0803
PAGE	11				
					2
			the makes a gar-gauge and of the depression of the state		
ı					
Ī					

かいかい はいない かんてき とうかい かいかい かんかい しゅうしゅう しゅうしん かんしゅう しゅうしゅ かいしょう しんしゅう しゅうしゅう しゅうしゅうしゅう しんかい かいかい かいかい かいかい かいかい しゅうしゅう しゅうしゅう しゅうしゅう しゅうしゅう しゅうしゅう しゅうしゅう しゅうしゅう しゅうしゅう しゅうしゅう

INPU	T PARAMETER	ls.					
LWA ZTG ZL	6.00 150. 50.0	000	FREQ ZX TEMP	9.000 20.00 60.00	000	CS GAMMAO GAMMA1	4947.0 0.0180 -0.3333
	RANGE	нѕС		ISCSUM	HSSC	——-н	KSC
	1.00000	71.0643		142.129	3.86261		0.483212
	1.50000	77.9459		155.892	5.79391		0.724818
	2.00000	g3.9251		167.850	7.72522		0.966423
3	3,00000	94.1924		188.385	11.5878		1.44964
4-	4.00000	103.122		206.244	15.4504		1.93285
5	5.00000	111.229		222.458	19.3130		2.41606
6	6.00000	118.650		237.300	23.1756		2.89927
7	8.00000	131.599		263.198	30.9009		3.86569
. 8	10.0000	142.774		285.547	38.6261		4.83212
9	15.0000	168.103		336.206	57.9391		7.24818
10	20.0000	192.301		384.602	77.2522	·	9.66423
11	25.0000	215.885		431.770	96.5652		12.0803
PAGE	12						

から 日本にている

										1-	
-		T PARAME									
-	LWA ≥TG ≥L	1	.00000 50.000 0.0000		FREQ ZX TEMP		9.00000 20.0000 60.0000		CS GAMMAD GAMMA1	0.0	7.00 1800 3330
		RANGE	HS	;c		HSCSUM		HSSC		HKSC	
	-0-	1.00000	7	1.0643		142.1	29	3.86261		0.48521	2
	1	1.50000	7	7.9459		155.8	92	5.79391		0.72481	8
160		2.00000		3.9251		167.8	50	7.72522		0.96642	3
	-3-	3.00000	9	4.1924		188.3	85	11.5878	l	1.44964	
-	-4-	4.00000		03.122		206.2	44	15.4504		1.93285	
seles -	5-	5.00000		11.229		222.4	58	19.3130		2.41606	*****
1	-6-	6.00000	1	18.650		237.3	00	23.1756		2.89927	-
oden .	7	8.00000	1	31.599		263.1	.98	30.9009		3.86569	
1-	8	10.0000	1	42.774		285.5	47	38.6261		4.83212	
	9	15.0000	1	68.103		336.2	06	57.9391		7.24818	
region	10	20.0000	1	92.301		384.6	02	77.2522		9.66423	
1	11	25.0000	. 2	15.885		431.7	70	96.5652		12.0803	
-	PAGE	13									
100				-							
1		7				<u></u>					-
code											
**											
-											

				£	
-	*	•			
• 11011					
	T PARAMETER				
LWA ZTG	10.0		FREQ 9.00 ZX 20.0		4947. MAO 0.018
ZL	50.0		TEMP 60.0		
	RANGE	HSC	HSCSUM	HSSC	нкѕс
0	1.00000	71.0643	142.129	3.86261	0.483212
1	1.50000	77.9459	155.892	5.79391	0.724818
2	2.00000	83.9251	167.850	7.72522	0.966423
3	3.00000	94.1924	188.385	11.5878	1.44964
4	4.00000	103.122	206.244	15.4504	1.93285
5	5.00000	111.229	222.458	19.3130	2.41606
6	6.00000	118.650	237.300	23.1756	2.89927
	8,00000	131.599	263.198	30.9009	3.86569
. 8	10.0000	142.774	285.547	38.6261	4.83212
9	15.0000	168.103	336.206	57.9391	7.24818
10	20.0000	192.301	384.602	77.2522	9.66423
11	25.0000	215.885	431.770	96.5652	12.0803
PAGE	14				

ZTG

INPU	T PARAMETERS	S					
LWA ZTG ZL	2.000 212.0 50.00	000	FREQ ZX TEMP	9.000 20.00 60.00	00	CS GAMMAO GAMMA1	4947.00 0,018000 -0,333300
	RANGE	нѕС	н	SCSUM	нѕѕс	нк	sc
0	1.00000	69.2000		138.400	1.96148		.483212
1	1.50000	75.2568		150.514	2.94222		.724818
-2	2.00000	80.4051		160.810	3.92296	• • • • • • • • • • • • • • • • • • •	.966423
-3	3.00000	88.9482		177.896	5.88443	1	.44964
4	4.00000	96.0795		192.159	7.84591	1	.93285
5	5.00000	102.365	7	204.730	9.80739	2	.41606
6	6.00000	107.968		215.937	11.7689	5	.89927
7	8.00000	117.272		234.544	15.6918	3	.86569
8	10.0000	124.728		249.456	19.6148	4	.83212
-9	15.0000	140.596		281.192	29.4222	7	.24818
10	20.0000	155.301		310.603	39.2296	9	.66423
11	25.0000	169.390		338.781	49.0369	1	2.0803
12 5	30.0000	183.027		366.055	58.8443	1	4.4964
13	40.0000	209.422		418.844	78.4591	1	9.3285
PAGE	16						
	and the second s						
						and the second s	

INPU	T PARAMETER	3					
LWA	3.000		FREQ	9.00000		cs	4947.00
₹TG ₹L	212.0 50.00		ZX TEMP	20.0000		GAMMAO GAMMA1	-0.333300
3	RANGE	HSC	HSCS	им ———	нssc —	нкѕс	
0	1.00000	69.5100	139	.020	2.27145	0.4	83212
1	1.50000	75.7218	151	. 444	3.40718	0.7	24818
-2	2.00000	81.0251	162	• 050	4.54290	0.9	66423
-3	3.00000	89.8781	179	.756	6.81435	1.4	4464
4	4.00000	97.3193	194	.639	9.08580	1.9	3285
- 5	5.00000	103.915	207	.830	11.3572	2.4	1606
6	6.00000	109.828	219	.657	13.6287	2.8	9927
-7	8.00000	119.752	239	.504	18.1716	3.8	6569
8	10.0000	127.828	255	. 656	22.7145	4.8	3212
-9-	15.0000	145.246	290	. 492	34.0718	7.2	4818
10	20.0000	161.501	323	.002	45.4290	9.6	6423
11	25.0000	177.140	354	.279	56.7863	12.	0803
12	30.0000	192.327	384	.653	68.1435	14.	4964
13	40.0000	221.821	443	.642	90.8580	19.	3285
PAGE	17	•					
				,			

ZTG 212.000 ZX 20.0000 GAMMAO 0.018							
INPUT PARAMETERS LWA 4.00000 FREQ 9.00000 CS 4947. 2TG 212.000 2X 20.0000 GAMMA0 0.018 2L 50.0000 TEMP 60.0000 GAMMA1 -0.333 RANGE HSC HSCSUM HSSC HKSC 0 1.00000 70.6407 141.281 3.40217 0.483212 1 1.50000 77.4179 154.836 5.10326 0.724818 2 2.00000 83.2865 166.573 6.80435 0.966423 3 3.00000 93.2703 186.541 10.2065 1.44964 4 4.00000 101.842 203.684 13.6087 1.93285 5 5.00000 109.569 219.137 17.0109 2.41606 6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803							
LHA 4.00000 FHEQ 9.00000 CS 4947. #TG 212.000 ZX 20.0000 GAMMA0 0.018 #L 50.0000 TEMP 60.0000 GAMMA1 -0.333 RANGE		•					
LHA 4.00000 FREQ 9.00000 CS 4947. 2TG 212.000 2X 20.0000 GAMMA0 0.018 2L 50.0000 TEMP 60.0000 GAMMA1 -0.333 RANGE HSC HSCSUM HSSC HKSC 0 1.00000 70.6407 141.281 3.40217 0.483212 1 1.50000 77.4179 154.836 5.10326 0.724818 2 2.00000 83.2865 166.573 6.80435 0.966423 3 3.00000 93.2703 186.541 10.2065 1.44964 4 4.00000 101.842 203.684 13.6087 1.93285 5 5.00000 109.569 219.137 17.0109 2.41606 6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803							
### 212.000	INPU	T PARAMETER	S				
RANGE HSC HSCSUM HSSC HKSC 0 1.00000 70.6407 141.281 3.40217 0.483212 1 1.50000 77.4179 154.836 5.10326 0.724818 2 2.00000 83.2865 166.573 6.80435 0.966423 3 3.00000 93.2703 186.541 10.2065 1.44964 4 4.00000 101.842 203.684 13.6087 1.93285 5 5.00000 109.569 219.137 17.0109 2.41606 6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803							4947.00
0 1.00000 70.6407 141.281 3.40217 0.483212 1 1.50000 77.4179 154.836 5.10326 0.724818 2 2.00000 83.2865 166.573 6.80435 0.966423 3 3.00000 93.2703 186.541 10.2065 1.44964 4 4.00000 101.842 203.684 13.6087 1.93285 5 5.00000 109.569 219.137 17.0109 2.41606 6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803							-0.33330
0 1.00000 70.6407 141.281 3.40217 0.483212 1 1.50000 77.4179 154.836 5.10326 0.724818 2 2.00000 83.2865 166.573 6.80435 0.966423 3 3.00000 93.2703 186.541 10.2065 1.44964 4 4.00000 101.842 203.684 13.6087 1.93285 5 5.00000 109.569 219.137 17.0109 2.41606 6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803		DANOS		 Sacrifican	1000		V.D.A.
1 1.50000 77.4179 154.836 5.10326 0.724818 2 2.00000 83.2865 166.573 6.80435 0.966423 3 3.00000 93.2703 186.541 10.2065 1.44964 4 4.00000 101.842 203.684 13.6087 1.93285 5 5.00000 109.569 219.137 17.0109 2.41606 6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803							
2 2.00000 83.2865 166.573 6.80435 0.966423 3 3.00000 93.2703 186.541 10.2065 1.44964 4 4.00000 101.842 203.684 13.6087 1.93285 5 5.00000 109.569 219.137 17.0109 2.41606 6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803	0		70.6407	141.281	3.40217		0.483212
3 3.00000 93.2703 186.541 10.2065 1.44964 4 4.00000 101.842 203.684 13.6087 1.93285 5 5.00000 109.569 219.137 17.0109 2.41606 6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803	1	1.50000	77.4179	154.836	5.10326		0.724818
4 4.00000 101.842 203.684 13.6087 1.93285 5 5.00000 109.569 219.137 17.0109 2.41606 6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803	5	2.00000	83.2865	166.573	6.80435	5	0.966423
5 5.00000 109.569 219.137 17.0109 2.41606 6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803	3	3.00000	93.2703	 186.541	10.2065	,	1.44964
6 6.00000 116.613 233.225 20.4130 2.89927 7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803	4	4.00000	101.842	203.684	13.6087	,	1.93285
7 8.00000 128.798 257.595 27.2174 3.86569 8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803	5	5.00000	109.569	 219.137	17.0109		2.41606
8 10.0000 139.135 278.270 34.0217 4.83212 9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803	- 6	6.00000	116.613	233.225	20.4130)	2.89927
9 15.0000 162.207 324.413 51.0326 7.24818 10 20.0000 184.115 368.231 68.0435 9.66423 11 25.0000 205.408 410.816 85.0544 12.0803	7	8.00000	128.798	 257.595	27.2174		3.86569
10 20.0000 184.115 368.231 68.0435 9.66425 11 25.0000 205.408 410.816 85.0544 12.0803	-8	10.0000	139.135	 278.270	34.0217	,	4.83212
11 25.0000 205.408 410.816 85.0544 12.0803	9	15.0000	162.207	324.413	51.0326	3	7.24818
	10	20.0000	184.115	 368.231	68.0435	5	9.66423
	-11	25.0000	205.408	410.816	85.0544	1	12.0803
PAGE 18							
	PAGE	18					
		The same of the same					
		and the second s		**************************************			The same for the same section of the same sect

LWA 2TG 2L 0 1 2 3 4 5	6.00 212. 50.0 RANGE 1.00000 1.50000 2.00000 3.00000	000	FREQ 9.000 2X 20.00 TEMP 60.00 HSCSUM 142.202 156.217 168.415	OO GAMM	HKSC 0.485212
1 2 3 4	1.00000 1.50000 2.00000	71.1011 78.1085 84.2074	142.202 156.217	3.86261	0.483212
1 2 3 4	1.50000 2.00000 3.00000	78.1085 84.2074	156.217		
34	2.00000 3.00000	84.2074		5.79391	7240+0
3-4	3.00000	•	168.415		0.724818
3 4 5		94.6516		7.72522	0.966423
	4.00000	, ,	189.303	11.5878	1.44964
5		103.684	207.368	15.4504	1.93285
	5.00000	111.871	223.742	19.3130	2.41606
6	6.00000	119.375	238.750	23.1756	2.89927
7	8.00000	132.481	264.962	30.9009	3.86569
-8-	10.0000	143.739	287.479	38.6261	4.83212
- 9	15.0000	169.113	338.226	57.9391	7.24818
10	20.0000	193.324	386.648	77.2522	9.66423
11	25.0000	216.919	433.837	96.5652	12.0803
PAGE	E 19				

INPU	T PARAMETER	S					
LWA ZTG ZL	8.00 212. 50.0	000	FREQ ZX TEMP	9.000 20.00 60.00	00	CS GAMMAO GAMMA1	4947. 0.018 -0.333
	RANGE	HSC	нѕс	SUM	HSSC	. н	KSC
0	1.00000	71.1011		2.202	3.86261		0.483212
1	1.50000	78.1085		6.217	5.79391		0.724818
	2.00000	84.2074		8.415	7.72522		0.966423
3	3.00000	94.6516	18	9.303	11.5878	-	1.44964
4	4.00000	103.684	20	7.368	15.4504	•	1.93285
5	5.00000	111.871	22	3.742	19.3130		2.41606
6.	6.00000	119.375	23	8.750	23.1756		2.89927
7	8.00000	132.481	26	4.962	30.9009		3.86569
8	10.0000	143.739	28	7.479	38.6261		4.83212
9	15.0000	169.113	33	8.226	57.9391		7.24818
10	20.0000	193.324	38	6.648	77.2522		9.66423
11	25.0000	216.919	43	3.837	. 96.5652		12.0803
PAGE	20					•	
	+	•					
		Property and Company and Compa					
			-				

Transfer of

7	ztg -	I							
ZL 50	130	INPUT	T PARAMETER	RS					
	52	LWA 2TG 2L	35.0	0000 0000 .000	FREQ ZX TEMP	9.00000 20.0000 60.0000		CS GAMMAO GAMMA1	4947 U.01 -0.33
1	5/	 	RANGE	HSC	HSCSU	IM	HSSC	нк	sc
71 100	3 /	0	1.00000	61.4187	122.	837	1.36589	О	.483212
		1-1-	1.50000	64.1889	128.	378	2.04884	0	.724818
	1 -	2	2.00000	66.4197	132.	839	2.73179	0	.966423
	/	3	3.00000	70.1020	140.	204	4.09768	1	.44964
/		1-4-	4.00000	75.2483	146.	497	5.46358	1	.93285
/	_		5.00000	76.1051	152.	210	6.82947	2	.41606
/	-	-6	6.00000	78.7807	157.	561	8 • 19537	2	.89927
/		1 7	8.00000	83.7931	167.		10.9272		.86569
/	-	8	10.0000	88.5225			13.6589		.83212
		<u></u>	15.0000	99.6794	199.		20.4884		.24818
		10	20.0000	110.321	220.		27.3179		.66423
		I_11-	25.0000	120.679			34.1474		2.0803
		l 12	30.0000	130.858			40.9768		4.4964
		13	40.0000	150.874			54.6358		9.3285
		14	50.0000	170.599			68.2947		4.1606
		15	60.0000	190.137	380.	274	81.9537	2	8.9927
		PAGE	1	entere a mentral e recente de que antere en el permenente partir de la companya del companya de la companya del companya de la companya del la companya de l					
		1							
				CONTRACTOR OF THE PROPERTY OF			to 11 th the second of the second of the second of		
	L								

INPU.	T PARAMETERS				
LWA ZTG ZL	2.000 35.00 100.0	00 Z	REQ 9.0000 X 20.000 EMP 60.000	O GAMMAO	4947.00 0.0180000 -0.333300
	RANGE	HSC	HSCSUM	HSSC	HKSC
0	1.00000	61.4397	122.879	1.38690	0.483212
1	1.50000	64.2204	128.441	2.08034	0.724818
2	2.00000	66.4617	132.923	2.77379	0.966423
-3	3,00000	70.1650	140.330	4.16069	1.44964
4	4.00000	73.3323	146.665	5.54759	1.93285
5	5.00000	76.2101	152.420	6.93448	2.41606
6	6.00000	78.9067	157.813	8.32138	2.89927
7	8.00000	83.9611	167.922	11.0952	3.86569
8	10.0000	88.7326	177.465	13.8690	4.83212
9	15.0000	99.9945	199.989	20.8034	7.24618
10	20.0000	110.741	221.482	27.7379	9.66423
11	25.0000	121.204	242.409	34.6724	12.0803
12	30.0000	131.488	262.976	41.6069	14.4964
13	40.0000	151.714	303.427	55.4759	19.3285
.4	50.0000	171.649	343.298	69.3448	24.1606
15	60.0000	191.397	382.794	83.2138	28.9927
PAGE	2				

INPU	T PARAMETER	s				
LWA	3.00		FREO	9.000		4947.00
₹TG ₹L	35.0 100.		TEMP	20.00		
	RANGE	HSC	_	HSCSUM	нѕѕс	HKSC
-0-	1.00000	61.6589		123.318	1.60607	0.483212
1-	1.50000	64.5491		129.098	2.40910	0.724818
-2	5.00000	66.9001		133.800	3.21213	0.966423
3	3.00000	70.8225		141.645	4.81820	1.44964
4-	4.00000	74.2090		148.418	6.42427	1.93285
- 5	5.00000	77.3060		154.612	8.03034	2.41606
6	6.00000	80.2217		160.443	9.63640	2.89927
7	8.00000	85.7145		171.429	12.8485	3.86569
8	10.0000	90.9243		181.849	16.0607	4.83212
9	15.0000	103.282		206.564	24.0910	7.24818
10	20.0000	115.124		230.249	32.1213	9.66423
11	25.0000	126.684		253.367	40.1517	12.0803
12	30.0000	138.063		276.126	48.1820	. 14.4964
13	40.0000	160.480		320.961	64.2427	19.3285
14	50.0000	182.607		365.215	80.3034	24.1606
15	60.0000	204.547		409.095	96.3640	28.9927
PAGE	3					
	· · · · · · · · · · · · · · · · · · ·					

1.

INPU	T PARAMETE	RS					
LWA ZTG ZL	35.	0000 0000 .000	FREQ ZX TEMP	9.0000 20.000 60.000	0	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
	RANGE	HSC	н	CSUM	нѕѕс	HKS	
-0-	1.00000	62.4584		24.917	2.40557	0.4	183212
1	1.50000	65.7484		31.497	3.60835	0.7	724818
2	2.00000	68.4991		36.998	4.81113	0.9	66423
-3	3.00000	75.2210	5	46.442	7.21670	1.	44964
4	4.00000	77.4070		54.814	9.62226	1.9	3285
5	5.00000	81.3034		62.607	12.0276	2.4	11606
6 .	6:00000	85.0187		70.037	14.4334	2.0	39927
7	8.00000	92.1105		.84.221	19.2445	3.8	36569
8	10.0000-	98.9192		97.838	24.0557	4.6	33212
9	15.0000	115.275		230.549	36.0835	7.	24818
10	20.0000	131.114		262.229	48.1113	9.0	56423
11	25.0000	146.671	7	93.342	60.1391	12	.0803
12	30.0000	162.048		324.096	72.1670	14	.4964
13	40.0000	192.460		884.921	96.2226	5 19	.3285
14	50.0000	222.582		145.165	120.278	3 24	.1606
DAGE	1			er et janeten tiller, gjern den det gjern, i det e groede de			
FAGE		*					
PAGE	4						

LWA	6.00000		FREQ	9.00	000	CS	4947.00	
₹TG ₹L	35.0000 100.000		ZX TEMP	20.0	000	GAMMAO GAMMA1	0.0180000 -0.333300	
	RANGE	HSC	———нѕ	CSUM	HSSC	нк	sc	
0-	-1.00000	62.7840	1	25.568	2.73112	0	.483212	
-1-	1.50000	66,2367	1	32.473	4.09668	3 0	.724818	
2	2.00000	69.1502	1	38.300	5.46225	5 0	.960423	
-3	3.00000	74.1977	1	48.395	8.19337	7 1	.44964	
-4	4.00000	78.7092	1	57.418	10.924	5 1	.93285	
- 5	5.00000	82.9312	i	65.862	13.655	3 2	.41606	
-6-	6.00000	86.9721	1	73.944	16.386	72	.89927	
7	8.00000	94.7149	1	89.430	21.8490	3	.86569	
-8	10.0000	102.175	2	04.350	27.3112	2 4	.83212	
-9-	15.0000	120.158	2	40.316	40.9668	3 7	.24818	
10	20.0000	137.626	<u> </u>	75.251	54.622	5 9	.66423	
11	25.0000	154.810	3	09.620	68.278	1	2.0803	
12	30.0000	171.815	3	43.630	81.933	, 1	4.4964	
13	40.0000	205.483	4	10.965	109.249	5 1	9.3285	
PAGE	5	•						
					THE STREET OF SAME AND ADDRESS OF SAME AND ADDRESS OF			

.

INPUT PARAMETERS											
LWA ZTG ZL	8.0000 35.000 100.00	00 7	REQ X EMP	9.00000 20.0000 60.0000	G	S AMMAO AMMA1	4947.00 0.0180000 -0.333300				
	RANGE	нес	HSCSI	Jм	нѕѕс	нкѕ	ic				
0	1.00000	62.7840	125	568	2.73112	· · · · · · · · · · · · · · · · · · ·	483212				
1	1.50000	66.2367	132	473	4.09668		724818				
-2	2.00000	69.1502	138	300	5.46225	0.	966425				
3	3.00000	74.1977	148	395	8.19337	1.	44964				
4-	4.00000	78.7092	157	418	10.9245	1.	93285				
5	5.00000	82.9312	165	862	13.6556	2.	41606				
6	6.00000	86.9721	173	.944	16.3867	2.	89927				
7	8.00000	94.7149	189	.430	21.8490	3.	86569				
8	10.0000	102.175	204	350	27.3112	4.	83212				
9	15.0000	120.158	240	316	40.9668	7.	24818				
10	20.0000	137.626	275	251	54.6225	9.	66423				
11	25.0000	154.810	309	620	68.2781	12	2.0803				
12	30.0000	171.815	343	630	81.9337	. 14	1.4964				
13	40.0000	205.483	410	965	109.245	19	.3285				
PAGE	6	•	-								
•											

-					
-	•				
			•		
INPU	T PARAMETERS	S			
LWA ZTG	10.00 35.00		FREQ 9.000 2X 20.00		4947.00 MAO 0.01800
₹L.	100.0		TEMP 60.00		
<u> </u>	RANGE	HSC	HSCSUM	HSSC	нкас
0	1.00000	62.7840	125.568	2.73112	0.483212
1-1-	1.50000	66.2367	132.473	4.09668	0.724818
2-	2.00000	69.1502	138.300	5.46225	0.966423
3-	3.00000	74.1977	148.395	8.19337	1.44964
4-	4.00000	78.7092	157.418	10.9245	1.93285
5	5.00000	82.9312	165.862	13.6556	2.41606
-6	6.00000	86.9721	173.944	16.3867	2.89927
7	8.00000	94.7149	189.430	21.8490	3.86569
8	10.0000	102.175	204.350	27.3112	4.83212
9-	15.0000	120.158	240.316	40.9668	7.24818
10	20.0000	137.626	275.251	54.6225	9.66423
11	25.0000	154.810	309.620	68.2781	12.0803
12	30.0000	171.815	343.630	81.9337	14.4964
13	40.0000	205.483	410.965	109.245	19.3285
PAGE	7				
ī					
1					
- Common					
1					
1				_	

INPU	T PARAMETERS	3					
LWA ZTG ZL	2.000 100.0 100.0	00	FREQ ZX TEMP	9.00000)	CS GAMMAO	4947.00 0.0180000
	100.0	,00	IENP	60.0000		GAMMA1	-0.333300
	RANGE	HSC	HSC	SUM	нѕѕс	нк	sc
-0	1.00000	68.4041	13	6.808	1.38690	0	.483212
1	1.50000	72.1773	14	4.355	2.08034	0	.724818
2	2.00000	75.1032	15	0.206	2.77379	0	.966425
3	3.00000	79.5704	15	9.141	4.16069	1	.44964
4	4.00000	83.0838	16	6.168	5.54759	1	.93285
5	5.00000	86.1389		2.278	6.93448		.41606
- 6	6.00000	88.9444		7.889	8.32138		.89927
,	8.00000	94.1404		8.281	11.0952		.86>69
8	10.0000	99.0135		8.027	13.8690		.83212
• 0	15.0000	110.461		0.923	20.8034		.24818
10	20.0000	121.348		2.696	27.7379		.66423
11	30.0000	131.928		3.855	34.6724		4.4964
13	40.0000	162.716		14.625	41.6069		9.3285
14	50.0000	182.812		5.624	69.3448		4.1606
15	60.0000	202.717		15.433	83.2138		8.9927
PAGE	9				V4-40-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		
			7. W. T. Mark & C.				

LWA ZTG	3.00 100.	000	FREQ	9.000	00	CS GAMMAO	4947.00 0.0180000
ŽL	100.	000	TEMP	60.00	100	GAMMA1	-0.333300
R	ANGE	HSC	нзс	SUM	нѕѕс	нкѕ	C
0	1.00000	68.6233	13	37.247	1.60607	0.	483212
1	1.50000	72.5061	14	45.012	2.40910	0.	724818
-2	2.00000	79.5416	15	51.083	3.21213	0.	966423
3	3.00000	80.2279	16	50.456	4.81820	1.	44964
4	4.00000	83.9605	16	57.921	6.42427	1.	93285
5	5.00000	87.2348	17	74.470	8.03034	2.	41606
6	6.00000	90.2594	18	30.519	9.63640	2.	89927
. 7	8.00000	95.8938	19	91.788	12.8485	3.	86569
8	10.0000	101.205	20	02.410	16.0607	4.	83212
9	15.0000	113.749	22	27.498	24.0910	7.	24818
10	20.0000	125.731	25	51.463	32.1213	9.	66423
11	25.0000	137.407	27	74.814	40.1517	12	2.0803
12	30.0000	148.888	29	97.776	48.1820	14	.4964
13	40.0000	171.483	34	42.965	64.2427	19	.3285
14	50.0000	193.771	38	37.541	80.3034	24	.1606
15	60.0000	215.867	43	31.734	96.3640	26	1.9927

Name of Street

INPU	T PARAMETER	S						
LWA ZTG	4.000		FREQ 2X	9.00000		CS GAMMAO		47.00 0180000
žL	100.0		TEMP	60.0000		GAMMA1		333300
	RANGE	HSC	HSCSUR	1	HSSC		IKSC	
-0-	1.00000	69.4228	138.8	346	2.40557		0.4852	12
1	1.50000	75.7053	147.4	111	3.60835		0.7248	18
-2	2.00000	77.1406	154.2	281	4.81113		0.9664	23
3	3.00000	82.6264	165.2	253	7.21670		1.4496	4
-4	4.00000	87.1585	174.3	317	9.62226		1.9328	5
-5	5.00000	91.2323	182.4	165	12.0278		2.4160	6
6	6.00000	95.0564	190.1	13	14.4334		2.8992	7
7	8.00000	102.290	204.5	580	19.2445		3.8656	9
8	10.0000	109.200	218.4	100	24.0557		4.8321	2
9	15.0000	125.741	251.4	183	36.0835		7.2481	8
10	20.0000	141.721	283.	143	48.1113		9.6642	3
11	25.0000	157.394	314.7	789	60.1391		12.080	3
12	30.0000	172.873	345.7	746	72.1670		14.496	4
13	40.0000	203.462	406.9	25	96.2226		19.328	5
PAGE	11	en entre a grande et entre egan a en en entre a anticidad per	e en a game en les este que aprove de entre en el en en en en el en				The second section of the sect	Company of the Compan
				•				
			•					

LWA	6.000	000	FREQ	9.000	0	CS	4947.00
₹TG ₹L	100.0		ZX TEMP	20.00 60.00		GAMMAO GAMMA1	0.0180000 -0.333300
	RANGE	HSC	нѕс	SUM	HSSC	HKSO	
0	1.00000	69.7483	13	9.497	2.73112	0.4	83212
1	1.50000	74.1936	14	8.387	4.09668	0.7	24818
2	2.00000	77.7917	15	5.583	5.46225	0.9	66423
3	3.00000	83.6031	16	7.206	8.19337	1.4	4964
-4	4.00000	88.4607	17	6,921	10.9245	1.9	3285
5	5.00000	92.8601	18	5.720	13.6556	2.4	1606
-6	6.00000	97.0098	19	4.020	16.3867	2.8	9927
7	8.00000	104.894	50	9.788	21.8490	3.8	6569
8	10.0000	112.456	22	4.912	27.3112	4.8	3212
9	15.0000	130.625	26	1.250	40.9668	7.2	4818
10	20.0000	148.232	29	6.465	54.6225	9.6	6423
11	25.0000	165.533	33	1.066	68.2781	12.	0803
12	30.0000	182.639	36	5.279	81.9337	14.	4964
13	40.0000	216.485	43	2.970	109.245	19.	3285
PAGE	12						
l.							

INPL	T PARAMETERS	5					
LWA ≥TG ≠L	8.000 100.0 100.0	000	FREQ ZX TEMP	9.0000 20.000 60.000	0	CS GAMMAO GAMMA1	4947.00 0.018000 -0.333300
	RANGE	HSC		HSCSUM	нssc	нкѕ	С
0	1.00000	69.7483		139.497	2.73112		483212
-1	1.50000	74.1936		148.387	4.09668	0.	724818
2	2.00000	77.7917		155.583	5.46225	0.	966423
-3	3.00000	g3.6031		167.206	8.19337	1.	44964
-4	4.00000	88.4607		176.921	10.9245	1.	93285
5	5.00000	92.8601		185.720	13.6556	2.	41606
-6-	6.00000	97.0098		194.020	16.3867	2.	89927
7	8.00000	104.894		209.788	21.8490	3.	86569
8	10.0000	112.456		224.912	27.3112	4.	83212
9	15.0000	130.625		261.250	40.9668	7.	24818
10	20.0000	148.232		296.465	54.6225	9.	66423
11	25.0000	165.533		331.066	68.2781	. 12	.0803
12	30.0000	182.639		365.279	81.9337	14	.4964
13	40.0000	216.485		432.970	109.245	19	.3285
PAGE	13						
1						•	
L							
T	And the second second second second second second						

	•		-				
INPL	JT PARAMETERS	3					
LWA ZTG ZL	10.00 100.0 100.0	000	FREQ ZX TEMP	9.0000 20.000 60.000	0	CS GAMMAO GAMMA1	4947.00 0.018000 -0.333300
	RANGE	нѕС	н	SCSUM	нѕѕс	нк	sc
0	1.00000	69.7483		139,497	2.73112	0	.483212
1-	1.50000	74.1936		148.387	4.09668	0	.724818
-2-	2.00000	77.7917		155.583	5.46225	0	.966423
-3	3.00000	g5.6031		167.206	8.19337	1	.44964
4	4.00000	g8.4607		176.921	10.9245	1	. 93285
5	5.00000	92.8601		185.720	13.6556	2	.41606
6	6.00000	97.0098		194,020	16.3867	5	.89927
7	8.00000	104.894		209.788	21.8490	3	.86569
8	10.0000	112.456		224.912	27.3112	4	.83212
9	15.0000	130.625		261.250	40.9668	7	.24818
10	20.0000	148.232		296.465	54.6225	9	.66423
11	25.0000	165.533		331.066	68.2781		2.0803
12	30.0000	182.639		365.279	81.9337		4.4964
13	40.0000	216.485		432.970	109.245	1	9.3285
PAGE	14					·	
	and the same of th					-	
							o come children hasannaken ar on allertill. There is

INPUT PARAMETERS LWA 2.00000 FREQ 9.00000 4947.00 CS ZTG 200.000 ZX 20.0000 0.0180000 GAMMAO ZL 100.000 TEMP 60.0000 -0.333300 GAMMA1 RANGE HSC HSCSUM HSSC HKSC 1.00000 75.4320 150.864 1.38690 0.483212 1.50000 80.0443 160.089 2.08034 0.724818 2.00000 85.6895 167.379 0.966423 2.77379 3.00000 89.1391 178.278 1.44964 4.16069 4.00000 93.1299 186.260 5.54759 1.93285 5.00000 96.3949 192.790 6.93448 2.41606 6.00000 99.2969 198.594 8.32138 2.89927 8.00000 104.575 209.151 11.0952 3.86569 10.0000 109.488 218.977 13.8690 4.83212 15.0000 120.992 241.984 20.8034 7.24818 20.0000 10 131.911 263.821 27.7379 9.66423 11 25.0000 142.513 285.025 34.6724 12.0803 12 30.0000 152.914 14.4964 305.828 41.6069 13 40.0000 173.339 346.678 19.3285 55.4759 50.0000 193.448 386.897 69.3448 24.1606 15 60.0000 213.362 426.723 83.2138 28.9927 PAGE 16

	JT PARAMETERS	5					
LWA	3.000 200.0		FREQ	9.000		CS GAMMAO	4947.00 U.0180000
ŽL	100.0		TEMP	60.00		GAMMA1	-0.333300
	RANGE	HSC	——-	ISCSUM	HSSC	нкѕс	,
-0-	1.00000	75.6512		151.302	1.60607	0.4	483212
-1	1.50000	80.3731		160.746	2.40910	0.:	724818
-2	2.00000	84.1278		168.256	3.21213	0.9	966423
-3	3.00000	89.7966		179.593	4.81820	1.4	44964
-4	4.00000	94.0066		188.013	6.42427	1.9	3285
- 5	5.00000	97.4907		194.981	8.03034	2.4	1606
-6	6.00000	100.612		201.224	9.63640	2.6	39927
7	8.00000	106.329		212.657	12.8485	3.8	36569
8 -	10.0000	111.680		223.360	16.0607	4.8	33212
9	15.0000	124.279		248.559	24.0910	7.2	24818
10	20.0000	136.294		272.588	32.1213	9.6	56423
11	25.0000	147.992		295.984	40.1517	12	.0803
12	30.0000	159.489		318.979	48.1820	14.	.4964
13	40.0000	182.106		364.211	64.2427	19	.3285
14	50.0000	204.407		408.814	80.3034	24	.1606
PAGE	17						

Name of Street

INPUT	PARAM	ETERS
-------	-------	-------

LWA	4.00000	FREQ	9.00000	cs	4947.00
ZTG ZL	200.000	TEMP	20.0000 60.0000	GAMMAO GAMMA1	0.0180000 -0.333300

1-	RANGE	HSC	HSCSUM	HSSC	нкѕс
0	1.00000	76,4507	152.901	2.40557	0.483212
-1-1-	1.50000	81.5723	163.145	3.60835	0.724818
7 2	2.00000	85.7268	171.454	4.81113	0.966423
3	3.00000	92.1951	184.390	7.21670	1.44964
	4.00000	97.2046	194.409	9.62226	1.93285
5	5.00000	101.488	202.976	12.0278	2.41606
6	6.00000	105.409	210.818	14.4334	2.89927
7	8.00000	112.725	225.449	19.2445	3.86569
8	10.0000	119.675	239.350	24.0557	4.83212
9	15.0000	136.272	272.544	36.0835	7.24818
10	20.0000	152.284	304.568	48.1113	9.66423
11	25.0000	167.979	335.959	60.1391	12.0803
-12	30.0000	183.474	366.949	72.1670	14.4964
13	40.0000	214.086	428.171	96.2226	19.3265

PAGE 18

	T PARAMETERS						
ETG EL	6.000 200.0 100.0	00	FREQ ZX TEMP	9.0000 20.000 60.000	O G	S AMMAO AMMA1	4947.00 0.018000 -0.333300
	RANGE	HSC		SCSUM	HSSÇ .	нкѕ	SC
0	1.00000	76.7762		153.552	2.73112		483212
1	1.50000	82.0606		164.121	4.09668		724818
-5	2.00000	86.3779		172.756	5.46225		966423
3	3.00000	93.1718		186.344	8.19337	1.	44964
-4	4.00000	98.5068		197.014	10.9245	1.	93285
5	5.00000	103.116		206.232	13.6556		41606
6	6.00000	107.362		214.724	16.3867	2.	89927
7	8.00000	115.329		230.658	21.8490	3.	86569
8	10.0000	122.931		245.861	27.3112	4 .	83212
9	15.0000	141.155		282.310	40.9668	7.	24818
10	20.0000	158.795		317.590	54.6225	9.	66423
11	25.0000	176.118		352.237	68.2781	12	2.0803
12	30.0000	193.241		386.482	81.9337	14	.4964
13	40.0000	227.108		454.216	109.245	19	.3285
PAGE	19	entreprise de la segui de la compansa de la compans			and the contract of the contra		
							*

INPL	T PARAMETER	S			
LWA	8.00		FREQ 9.000		4947.00
ZTG ZL	200. 100.		ZX 20.00 TEMP 60.00		MA0 0.018000 MA1 -U.333300
	RANGE	HSC	HSCSUM	HSSC	HKSC
0	1.00000	76.7762	153.552	2.73112	0.483212
-1	1.50000	82.0606	164.121	4.09668	0.724816
2	2.00000	86.3779	172.756	5.46225	0.966423
3	3.00000	93.1718	186.344	8.19337	1.44964
4	4.00000	98.5068	197.014	10.9245	1.93285
5	5.00000	103.116	206.232	13.6556	2.41606
-6	6.00000	107.362	214.724	16.3867	2.89927
7	8.00000	115.329	230.658	21.8490	3.86569
8	10.0000	122.931	245.861	27.3112	4.83212
9 -	15.0000	141.155	262.310	40.9668	7.24818
10	20.0000	158.795	317.590	54.6225	9.66423
11	25.0000	176.118	352.237	68.2781	12.0803
12	30.0000	193.241		81.9337	14.4964
	40.0000	227.108		109.245	19.3265
		227.100	434.216	107.247	17.0207
PAGE	20				
100					
					• • • • • • • • • • • • • • • • • • • •

INFU	T PARAMETERS	3					
LWA ZTG	10.00		FREQ	9.0000		CS	4947.00
ŽL	100.0		TEMP	60.000		GAMMAO GAMMA1	-0.333300
	RANGE	HSC.	нѕ	CSUM	нѕѕс	нк	sc
-0-	1.00000	76.7762	1	53.552	2.73112	0	.483212
1-	1.50000	82.0606	1	64.121	4.09668	0	.724818
2	2.00000	86.3779		72.756	5 • 46225	0	.966423
-3	3.00000	93.1718	1	86.344	8.19337	1	.44964
4	4.00000	98.5068	1	97.014	10.9245	1	.93285
-5	5.00000	103.116	5	06.232	13.6556	5	.41606
-6	6.00000	107.362	2	14.724	16.3867	5	.89927
7	8.00000	115.329	2	30.658	21.8490	3	.86>69
8	10.0000	122.931	2	45.861	27.3112	4	.83212
9	15.0000	141.155	2	82.310	40.9668	7	.24818
10	20.0000	158.795	3	17.590	54.6225	9	.66423
11	25.0000	176.118	3	52.237	68.2781	1	2.0803
12	30.0000	193.241	3	86.482	81.9337	. 1	4.4964
13	40.0000	227.108	4	54.216	109.245	1	9.3285
PAGE	21						
				•			

INPU	T PARAMETER	S					
LWA	2.000		FREQ	9.0000		CS	4947.00
ZTG ZL	300. 100.		ZX TEMP	20.000 60.000		GAMMAO GAMMA1	0.0180000 -0.333300
[RANGE	HSC		HSCSUM	HSSC	н	KSC
0	1.00000	75.8368		151.674	1.38690		0.483212
1	1.50000	80.6941		161.388	2.08034		0.724818
2	2.00000	84.5523		169.105	2.77379	-	0.966423
3	3.00000	90.3278		180.656	4.16069		1.44964
-4-	4.00000	94.4941		188.988	5.54759		1.93285
- 5	5.00000	97.8356		195.671	6.93448		2.41606
6	6.00000	100.769		201.538	8.32138		2.89927
7	8.00000	106.068		212.136	11.0952	:7	3.86569
8 -	10.0000	110.988		221.976	13.8690		4.83212
<u>-</u> 9	15.0000	122.497		244.995	20.8034		7.24818
10	20.0000	133.419		266.838	27.7379	· · · · ·	9.66423
11	25.0000	144.022		288.045	34.6724		12.0803
12	30.0000	154.425		308.850	41.6069		14.4964
13	40.0000	174.851		349.702	55.4759		19.3285
14	50.0000	194.961		389.922	69.3448		24.1606
15	60.0000	214.875		429.750	83.2138		28.9927

PAGE 23

LWA	3.000	000	REQ	9.000	00	CS	4947.00
₹TG ₹L	300.0 100.0	000	ZX TEMP	20.00	00	GAMMAO GAMMA1	0.0180000 -0.333300
	RANGE	HSC	нѕс	SUM	нѕѕс	нк	sc
0	1.00000	76.0560	15	2.112	1.60607	0	483212
1	1.50000	81.0228	16	2.046	2.40910	0.	724818
2	2.00000	84.9906	16	9.981	3.21213	0.	966423
3	3.00000	90.9854	18	1.971	4.81820	1.	44964
4	4.00000	95.3707	19	0.741	6.42427	1.	93285
5	5.00000	98.9315	19	7.863	8.03034	2.	41606
6	6.00000	102.084	20	4.169	9.63640	2	89927
7	8.00000	107.822	21	5.643	12.8485	3.	86569
8	10.0000	113.179	22	6.359	16.0607	4.	83212
9	15.0000	125.785	25	1.570	24.0910	7.	24818
10	20.0000	137.802	27	5.605	32.1213	9.	66423
11	25.0000	149.502	29	9.003	40.1517	12	2.0803
12	30.0000	161.000	32	2.000	48.1820	14	1.4964
13	40.0000	183.618	36	7.236	64.2427	19	.3285
14	50.0000	205.920	41	1.840	80.3034	24	1.1606
PAGE	24						
1							

INPUT	PARAMETERS					
LWA ETG EL	4.000 300.0 100.0	00 Z	X ·	9.00000 20.0000 60.0000	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
RA	NGE	HSC	HSCSUM	нѕѕс	нкѕ	c
0 1	00000	76.8555	153.7:			483212
	.50000	82.2221	164.4			724818
	2.00000	86.5896	173.1			966423
	3.00000	93.3839	186.7			44964
	.00000	98.5687	197.1			93285
	5.00000	102.929	205.8			41606
	0.0000	106.881	213.7			89927
	3.00000	114.218	228.4			86569
	10.0000	121.174	242.3			83212
	5.0000	137.777	275.5			24818
	20.0000	153.792	307.5			66423
	25.0000	169.489	338.9			2.0803
		184.985		70 72.167		
				96 96.222		7.3285
			401.1	70.22		.0203
PAGE	25					
				<u> </u>		

LWA	6.000	200	FREQ	9.00000		CS	4947.00
ZTG ZL	300.0	000	ZX TEMP	20.0000		GAMMAO GAMMA1	0.0180000
	RANGE	HSC	HSCS	UM	нѕѕс	нк	sc
0	1.00000	77.1810	154	.362	2.73112		483212
-1	1.50000	82.7104	165	.421	4.09668	0	724818
2	2.00000	87.2408	174	.482	5.46225	0	966423
-3	3.00000	94.3605	188	.721	8.19337	1	44964
-4-	4.00000	99.8710	199	.742	10.9245	1	93285
5	5.00000	104.557	209	.114	13.6556	2	41606
6	6.00000	108.835	217	.669	16.3867	2	89927
7	8.00000	116.822	233	.644	21.8490	3	.86569
8	10.0000	124.430	248	.860	27.3112	4	83212
9	15.0000	142.661	285	.321	40.9668	7	.24818
10	20.0000	160.303	320	.607	54.6225	9	66423
11	25.0000	177.628	355	.256	68.2781	. 1	2.0803
12	30.0000	194.752	389	.504	81.9337	1	4.4964
13	40.0000	228.620	457	.240	109.245	1	9.3285
PAGE	26						
1							
3							

INPL	T PARAMETERS						
LWA ZTG	8.0000		FREQ ZX	9.0000		CS	4947.00 0.0180000
ŽL.	100.00		TEMP	60.0000		GAMMAO GAMMA1	-0.333300
	RANGE	HSC	нѕс	SUM	нѕѕс	HKS	
-0-	1.00000	77.1810		4.362	2.73112		483212
1-	1.50000	82.7104		5.421	4.09668		724818
2	2.00000	87.2408		4.482	5.46225		966423
-3-	3.00000	94.3605	18	8.721	8.19337	1.	44964
4	4.00000	99.8710	19	9.742	10.9245	1.	93285
5	5.00000	104.557	20	9.114	13.6556	2.	41606
6	6.00000	108.835	21	7.669	16.3867	2.	89927
7	8.00000	116.822	23	3.544	21.8490	3.	86569
8	10.0000	124.430	24	8.860	27.3112	4.	83212
9	15.0000	142.661	28	5.321	40.9668	7.	24818
10	20.0000	160.303	32	0.607	54.6225	9.	66423
11	25.0000	177.628	35	5.256	68.2781	12	.0803
12	30.0000	194.752	3 8	9.504	81.9337	14	.4964
13	40.0000	228.620	45	7.240	109.245	19	.3285
PAGE	27	and the second s					
	. 2/					<u>`</u>	•
			and the same and t				

T

	T PARAMETERS	0		0.000	^		4-47-00
LWA ZTG	300.00		FREQ	9.0000		CS GAMMAO	0.0180000
ŽL_	100.00	10	TEMP	60.000		GAMMA1	-0.333300
	RANGE	HSC	н	SCSUM	HSSC	нк	SC
0-	1.00000	77.1810		154.362	2.73112	0.	483212
1	1,50000	82.7104		165.421	4.09668	0.	724818
-2	2.00000	87.2408		174.482	5.46225	-0.	966423
3	3.00000	94.3605		188.721	8.19337	1.	44964
4	4.00000	99.8710		199.742	10.9245	1.	93285
5	5.00000	104.557		209.114	13.6556	2.	41606
6	6.00000	108.835		217.669	16.3867	2.	89927
7	8.00000	116.822		233.644	21.8490		86569
8	10.0000	124.430		248.860	27.3112		83212
9	15.0000	142.661		285.321	40.9668		24818
10	20.0000	160.303		320.607	54.6225		66423
11	25.0000	177.628		355.256	68.2781		2.0803
12	30.0000 40.0000	194.752		389.504	81.9337		.4964
13	40.0000	220.620		457.240	109.245	19	3285
PAGE	28						
-							

TO COME.		1							
	ZTG -	<u>.</u>							
	3	_[[,					
72	35								
50		INPU	T PARAMETERS						
	2	LWA	1.00000		FREQ	9.00000		CS	4947.00
		₹TG ₹L	35.0000 150.000		ZX TEMP	20.0000		GAMMAO GAMMA1	0.0180000
	*								
	8		RANGE	HSC	r	SCSUM	HSSC	н	KSC
ZL 100	200	- 0	1.00000	59.8957		119.791	1.11520		0.483212
8	Se .	1	1.50000	62.6174		125.235	1.67279		0.724818
	*		2.00000	64.7795		129.559	2.23039		0.966423
		3	3.00000	68.2762	7	136.552	3.34559	,	1.44964
	*	4	4.00000	71.1963		142.393	4.46079		1.93285
	1/-	5	5.00000	73.8053		147.611	5.57598		2.41606
7F 130	V -	6	6.00000	76.2221	•	152.444	6.69118		2.89927
		7	8.00000	80.7027		161.405	8.92157		3.86569
	1	- 8	10.0000	84.8939		169.788	11.1520		4.83212
/	-	- 9-	15.0000	94.7003		189.401	16.7279		7.24818
1		□ 10	20.0000	103.991		207.982	22.3039		9.66423
	-	11	25.0000	112.999		225.999	27.8799		12.0803
		12	30.0000	121.829		243.658	33.4559		14.4964
	-	13	40.0000	139.151		278.302	44.6079		19.3285
		14	50.0000	156.188		312.376	55.7598		24.1606
		m 15	60.0000	173.045					
				1/3:045		346.090	66.9118		28.9927
		PAGE	1						
	The state of the s	П							
		1.1							
		11							
		**							

INPUT	PARAMETERS					
LWA ZTG	2.000		FREQ	9.0000		4947.00
₹L	150.0		TEMP	60.000		
R	ANGE	HSC		HSCSUM	HSSC	HKSC
-0-	1.00000	59.9128		119.826	1.13234	0.483212
-1	1.50000	62.6431		125.286	1.69852	0.724818
-2	2.00000	64.8138		129.628	2.26469	0.966423
-3	3.00000	68.3277		136.655	3.39703	1.44964
4	4.00000	71.2649		142.530	4.52937	1.93285
5	5.00000	73.8911		147.782	5.66172	2.41006
6	6.0000	76.3250		152.650	6.79406	2.89927
7	8.00000	80.8399		161.680	9.05875	3.86569
- 8	10.0000	85.0654		170.131	11.3234	4.83212
9	15.0000	94.9575		189.915	16.9852	7.24818
10	20.0000	104.334		208.668	22.6469	9.66423
11	25.0000	113.428		226.856	28.3086	12.0803
12	30.0000	122.344		244.687	33.9703	14.4964
13	40.0000	139.837		279.673	45.2937	19.3285
14	50.0000	157.046		314.091	56.6172	24.1606
15	60.0000	174.074		348.148	67.9406	28.9927
PAGE	2					

INPU							
LWA	3.00 35.0		FREQ	9.000		CS GAMMAO	4947.00 0.01800
£L.	150.		TEMP	60.00		GAMMA1	-0.33330
	RANGE	HSC	нѕс	SUM	HSSC	нк	sc
-0-	1.00000	60.0918	12	0.184	1.31129		.483212
1	1.50000	62.9116	12	5.823	1.96693		.724818
2	2.00000	65.1717	13	0.343	2.62258		.966423
3	3.00000	68.8645	13	7.729	3.93386	1	.44964
-4	4.00000	71.9807	14	3.961	5.24515		.93285
5	5.00000	74.7858	14	9.572	6.55644		.41606
6-	6.00000	77.3986	15	4.797	7.86773		.89927
7	8.00000	82.2715	16	4.543	10.4903	3	8.86569
8	10.0000	86.8548	17	3.710	13.1129		.83212
9	15.0000	97.6417	19	5.283	19.6693	7	.24518
10	20.0000	107.913	21	5.826	26.2258	, ,	.66423
11	25.0000	117.902	23	5.804	32.7822		2.0803
12	30.0000	127.712	25	5.424	39.3386		4.4964
13	40.0000	146.994	29	3.989	52.4515	1	9.3285
14	50.0000	165.993	33	1.986	65.5644		24.1606
15	60.0000	184.811	36	9.621	78.6773	- 2	8.9927
PAGE	3						
FAGE	. 3						

LWA	4.00	000	FREQ	9.000	00	CS	4947.00
ZTG ZL	35.0 150.	000	ZX TEMP	20.00	00	GAMMAO GAMMA1	0.018000
				•			
	RANGE	HSC	HSCS	UM	HSSC	HK	sc
0	1.00000	60.7445	121	.489	1.96404	0	.483212
1	1.50000	63.8907	127	.781	2.94607	0	.724818
-2	2.00000	66,4772	132	.954	3.92809	0	.966423
3	3.00000	70.8228	141	.646	5.89213	1	.44964
4	4.00000	74.5917	149	.183	7.85618	1	.93285
-5-	5.00000	78.0496	156	•099	9.82022	5	.41606
6	6.00000	81.3152	162	.630	11.7843	2	.89927
7	8.00000	87.4935	174	.987	15.7124	3	.86569
- 8	10.0000	93.3824	186	.765	19.6404	4	.83212
. 9	15.0000	107.435	214	.866	29.4607	7	.24818
10	20.0000	120.968	241	.936	39.2809	9	.66423
11	25.0000	134.221	268	.441	49.1011	1	2.0803
12	30.0000	147.295	294	.589	58.9213	1	4.4964
13	40.0000	173.105	346	.209	78.5618	1	9.3285
14	50.0000	198.631	397	.261	98.2022	2	4.1606
15	60.0000	223.976	447	.952	117.843	2	8.9927
PAGE	4						
FAGE		-					

INPU	T PARAMETER	S					
LWA ZTG ZL	6.00 35.0 150.	000	FREQ ZX TEMP	9.0000 20.000 60.000	0 (SAMMAO SAMMA1	4947.00 0.018000 -0.333300
	RANGE	HSC	HSCS	UM	HSSC	нк	sc
0	1.00000	61.0103	122	.021	2.22985	0.	483212
t	1.50000	64.2894	128	.579	3.34477	0.	724818
- 5	2.00000	67.0088	134	.018	4.45970	······································	966423
-3	3.00000	71.6202	143	.240	6.68955	1.	44964
4	4.00000	75.6550	151	•310	8.91939	1.	93285
5	5.00000	79.3786	158	.757	11.1492	2.	41606
-6	6.00000	82.9100	165	.820	13.3791	2.	89927
7	8.00000	89.6199	179	.240	17.8388	3.	86569
8	10.0000	96.0404	192	.081	22.2985	4.	83212
· 9	15.0000	111.420	555	.340	33.4477	7.	24618
10	20.0000	126.284	252	•568	44.5970	9.	66423
11	25.0000	140.866	281	.732	55.7462	12	2.0803
12	30,0000	155.269	310	.537	66.8955	14	1.4964
13	40.0000	183.737	367	.474	89.1939	19	.3285
14	50.0000	211.921	423	.842	111.492	24	1.1606
PAGE	5						

INPU	T PARAMETER	S			
LWA ZTG	8.00		REQ 9.000 X 20.00		4947.00
ŽL.	150.		EMP 60.00		
	RANGE	HSC	HSCSUM	нѕѕс	нкѕс
-0-	1.00000	61.0103	122.021	2.22985	0.483212
-1	1.50000	64.2894	128.579	3.34477	0.724818
2	2.00000	67.0088	134.018	4.45970	0.966423
- 3	3.00000	71.6202	143.240	6.68955	1.44964
-4-	4.00000	75.6550	151.310	8.91939	1.93285
-5-	5.00000	79.3786	158.757	11.1492	2.41606
-6	6.00000	82.9100	165.820	13.3791	2.89927
7-	8.00000	89.6199	179.240	17.8388	3.86569
-8-	10.0000	96.0404	192.081	22.2985	4.83212
9	15.0000	111.420	222.840	33.4477	7.24818
10	20.0000	126.284	252.568	44.5970	9.66423
11	25.0000	140.866	281.732	55.7462	12.0803
12	30.0000	155.269	310.537	66.8955	14.4964
13	40.0000	183.737	367.474	89.1939	19.3285
14	50.0000	211.921	423.842	111.492	24.1606
PAGE	6				

LWA	10.0		FREQ	9.0000			4947.00
≱TG ≥L	35.0 150.		ZX TEMP	60.000		MMAO MMA1	-0.333300
	RANGE	HSC	HSCS	UM	нѕѕс	нк	sc
0	1.00000	61.0103	122	.021	2.22985	σ	.483212
1	1.50000	64.2894	128	.579	3.34477	0	.724818
2	2.00000	67.0088	134	.018	4.45970	0	.966423
3	3.00000	71.6202	143	.240	6.68955	1	.44964
4	4.00000	75.6550	151	.310	8.91939	i	.93285
5	5.00000	79.3786	158	.757	11.1492	2	.41606
6	6.00000	82.9100	165	.820	13.3791	2	.89927
7	8.00000	89.6199	179	.240	17.8388	3	.86569
8	10.0000	96.0404	192	.081	22.2985	4	.83212
9	15.0000	111.420	222	.840	33.4477	7	.24818
10	20.0000	126.284	252	.568	44.5970	9	.66423
11	25.0000	140.866	281	.732	55.7462	1	2.0803
12	30.0000	155.269	310	.537	66.8955	. 1	4.4964
13	40.0000	183.737	367	.474	89.1939	1	9.3285
14	50.0000	211.921	423	.842	111.492	2	4.1006
PAGE	7	and the second seco					

LWA	1.00	s 	FREQ	9.000	100	CS	494
- ZTG	150. 150.	000	₹X TEMP	20.00	100	GAMMAO GAMMA1	-0.
	RANGE	HSC	нѕс	SUM	нѕѕс	нк	sc
	1.00000	64.5218	12	9.044	1.11520	0	.4832
1	1.50000	68.5658	13	7.132	1.67279	·o	.7248
-[] - 2 -	2.00000	71.9856	14	3.971	2.23039	0	.9664
3	3.00000	77.7832	15	5.566	3.34559) 1	.4496
	4.00000	82.7053	16	5.411	4.46079	1	.9328
- 5	5.00000	87.0313	17	4.063	5.57598	2	.4160
6-	6.00000	90.9138	18	1.828	6.69118	2	.8992
7-	8.00000	97.7305	19	5.461	8.92157	3	.8656
8	10.0000	103.690	20	7.380	11.1520	,4	.8321
- 9-	15.0000	116.517	23	3.033	16.7279	7	.2481
10	20.0000	127.776	25	5.553	22.3039	9	.6642
11-11-	25.0000	138.204	27	6.409	27.8799	1	2.080
12	30.0000	148.120	29	6.230	33.4559	1	4.496
13	40.0000	167.041	33	4.082	44.6079	1	9.328
14	50.0000	185.286	37	0.571	55.7598	2	4.160
15	60.0000	203.150	40	6.299	66.9118	2	8.992

INPU	T PARAMETER	S					
LWA ZTG ZL	2.00 150. 150.	000	FREQ ZX TEMP	9.0000 20.000 60.000	00	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
	RANGE	HSC	HS	CSUM	HSSC	нкѕ	c
0	1.00000	64.5390		29.078	1.13234		483212
-1-	1.50000	68.5916		37.183	1.69852		724818
-2-	2.00000	72.0198		44.040	2.26469		966423
-3-	3.00000	77.8347		55.669	3.39703		44964
-4	4.00000	82.7739		65.548	4.52937		93285
5	5.00000	87.1170		74.234	5.66172		41606
6	6.00000	91.0167		82.033	6.79406		89927
7	8.00000	97.8676		95.735	9.05875		86569
8	10.0000	103.861		07.723	11.3234		83212
9	15.0000	116.774		33.547	16.9852		24818
10	20.0000	128.119	2:	56.239	22.6469	9.	66423
11	25.0000	138.633	2	77.266	28.3086	12	.0803
12	30.0000	148.634	2	97.268	33.9703	. 14	.4964
13	40.0000	167.727	3.	35.454	45.2937	19	.3285
14	50.0000	186.143	3	72.286	56.6172	24	.1606
15	60.0000	204.178	41	08.357	67.9406	28	.9927
PAGE	9						

INPU	T PARAMETERS	S					
LWA ZTG ZL	3.000 150.0 150.0	000	FREQ ZX TEMP	9.0000 20.000 60.000	0	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
	RANGE	HsC	HS	CSUM	HSSC	нкѕс	
0	1.00000	64.7179	1	29.436	1.31129	0.4	83212
-1	1.50000	68.8600		37.720	1.96693	0.7	24818
-2-	2.00000	72.3777	1	44.755	2.62258	0.90	66423
3	3.00000	78.3715	1	56.743	3.93386	1.4	4964
-4-	4.00000	83.4897	1	56.979	5.24515	1.9	3285
5	5.00000	88.0117	1:	76.023	6.55644	2.4:	1606
-6-	6.00000	92.0904	1	84.181	7.86773	2.89	9927
-7-	8.00000	99.2992	19	98.598	10.4903	3.80	6569
8	10.0000	105.651	2:	11.302	13.1129	4.8	3212
9	15.0000	119.458	2;	38.916	19.6693	7.2	4818
10	20.0000	131.698	20	63.396	26.2258	9.6	6423
11	25.0000	143.107	2	86.213	32.7822	12.	0803
12	30.0000	154.002	31	08.004	39.3386	14.	4964
13	40.0000	174.885	3	49.770	52.4515	19.	3285
14	50.0000	195.090	3	90.180	65.5644	24.	1606
15	60.0000	214.915	4	29.830	78.6773	28.	9927
PAGE	10						
1 100							

INPU	T PARAMETER	5					
LWA ZTG ZL	4.00 150. 150.	000	FREQ ZX TEMP	9.00000 20.0000 60.0000		CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
	RANGE	HSC		HSCSUM	HSSC	н	(SC
0	1.00000	65.3707		130.741	1.96404		0.483212
1-	1.50000	69.8391		139.678	2.94607		0.724818
2	2.00000	73.6833		147.367	3.92809		.966423
3	3.00000	g0.3298		160.660	5.89213		1.44964
4	4.00000	86.1007		172.201	7.85618		.93285
5	5.00000	91,2755		182.551	9.82022		2.41606
-6	6.00000	96.0069		192.014	11.7843		2.89927
7	8.00000	104.521		209.042	15.7124	•	3.86569
8	10.0000	112.178		224.357	19.6404		4.83212
9-	15.0000	129.249		258.498	29.4607		7.24818
10	20.0000	144.753		289.507	39.2809		9.66423
11	25.0000	159.426		318.851	49.1011		12.0803
12	30.0000	173.585		347.170	58.9213		14.4964
13	40.0000	200.995		401.990	78.5618		19.3285
PAGE	11						

THE PROPERTY OF STREET

	T PARAMETERS						
LWA	150.0		FREQ	9.000		CS GAMMAO	4947.00
Z L	150.0		TEMP	60.00		GAMMA1	-0.333300
	RANGE	HSC	нѕс	SUM	нѕѕс	нк:	sc
-0	1.00000	65.6365	13	1.273	2.22985	0	483212
-1	1.50000	70.2378	14	0.476	3.34477	0	724818
2	2,00000	74.2149	14	8.430	4.45970	0	966423
3	3.00000	81.1272	16	2.254	6.68955	1	.44964
4	4.00000	87.1639	17	4.328	8.91939	1	93285
-5	5.00000	92.6045	18	5.209	11.1492	2	.41606
6	6.00000	97.6017	19	5.203	13.3791	2	89927
7	8.00000	106.648	21	3.295	17.8388	3	86569
- 8	10.0000	114.837	22	9.673	22.2985	4	.83212
9	15.0000	133.236	26	6.473	33.4477	7	.24818
10	20.0000	150.069	30	00.139	44.5970	9	.66423
11	25.0000	166.071	33	32.141	55.7462	1	2.0803
12	30.0000	181.559	36	3.118	66.8955	1	4.4964
13	40.0000	211.627	42	23.255	89.1939	1	9.3285
PAGE	12	and the state of t			and the second and after some standard and the second and the seco		
		anna da se Mayora da da se Mayora da se da s					

1							
_T							
100							
INPU	T PARAMETE	RS					
LWA ZTG ZL	150	.000 .000	FREQ . ZX Temp	9.00000 20.0000 60.0000		CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
-I	RANGE	нѕС	HSCSU	І М	HSSC	нк	sc
- 0	1.00000	65.6365	131.	273	2.22985	о	.483212
-1-1	1.50000	70.2378	140.	476	3.34477		.724818
	2.00000	74.2149	148.	430	4.45970	0	.966423
3	3.00000	81.1272	162.	254	6.68955	1	.44964
-1-4-	4.00000	87.1639	174.	328	8.91939	1	.93285
T 5	5.00000	92.6045	185.	209	11.1492	2	.41606
6	6.00000	97.6017	195.	203	13.3791	2	.89927
7	8.00000	106.648	213.	295	17.8388	3	.86569
8	10.0000	114.837	229.	673	22.2985	4	.83212
-1-9-	15.0000	133.236	266.	473	33.4477	7	.24518
T 10	20.0000	150.069	300.	139	44.5970	9	.66423
11	25.0000	166.071	332.	141	55.7462	1	2.0803
12	30.0000	181.559	363.	118	66.8955	. 1	4.4964
13	40.0000	211.627	423.	255	89.1939	1	9.3285
PAGE	13						
						•	
64							
Action of the control							
-11							
11							
-11							
				1		•	

INPL	IT PARAMETE	RS					
LWA		0000	FREQ	9.0000		CS	4947.00
ZTG ZL		.000	ZX TEMP	20.000 60.000		GAMMAO GAMMA1	0.018000 -0.333300
	RANGE	HSC		HSCSUM	нѕѕс	нк	sc
-0-	1.00000	65.6365		131.273	2.2298		.483212
-1	1.50000	70.2378		140.476	3.3447	7 0	.724818
-2 -	2.00000	74.2149		148.430	4.4597	0 0	.966423
-3-	3.00000	81,1272		162.254	6.6895	51	.44964
-4-	4.00000	87.1639		174.328	8.9193	9 1	.93285
5	5.00000	92.6045		185.209	11.149	2 2	.41606
6	6.00000	97.6017		195.203	13.379	12	.89927
-7	8.00000	106.648		213.295	17.838	8 3	.86569
8	10.0000	114.837		229.673	22.298	5 4	.83212
9	15.0000	133.236		266.473	33.447	7 7	.24818
10	20.0000	150.069		300.139	44.597	0 9	.66423
11	25.0000	166.071		332.141	55.746		2.0803
12	30.0000	181.559		363.118	66.895	5 . 1	4.4964

PAGE 14

INPU	T PARAMETER	S					
LWA	2.00		FREQ	9.000		CS	4947.00
ZTG ZL	250. 150.		TEMP	20.000 60.000		GAMMAO GAMMA1	-0.333300
	RANGE	HSC	н	SCSUM	HSSC	нк:	SC
0	1.00000	70.8841		141.768	1.13234		483212
1-	1.50000	75.1677		150.335	1.69852		724818
-2	2.00000	78.7972		157.594	2.26469	0	966423
3	3.00000	84.9778		169.956	3.39703	1	.44964
4	4.00000	90.2483		180.497	4.52937		93285
5	5.00000	94.8857		189.771	5.66172	2	41606
-6-	6.00000	99.0390	<u></u>	198.078	6.79406	2	89927
7	8.00000	106.281		212.561	9.05875	3	86569
- 8	10.0000	112.544		225.087	11.3234	4	83212
9	15.0000	125.844		251.688	16.9852	7	.24818
10	20.0000	137.401		274.802	22.6469	9	66423
11	25.0000	148.054		296.108	28.3086	13	2.0803
12	30.0000	158.155		316.309	33.9703	1	4.4964
13	40.0000	177.377		354.754	45.2937	1	3285
14	50.0000	195.875		391.751	56.6172	2	4.1606
15	60.0000	213.978		427.956	67.9406	2	8.9927

LWA	3.000	00	FREQ	9.000	o cs	4947.00
ZTG	250.0	000	ξX	20.000	O GAMI	4A0 0.018000
ŽL	150.0	000	TEMP	60.000	O GAMI	MA1 -0.333300
	RANGE	HSC	н:	SCSUM	HSSC	нкѕс
0	1.00000	71.0630		142.126	1.31129	0.483212
1	1.50000	75.4361		150.872	1.96693	0.724818
-2-	2.00000	79.1551		158.310	2.62258	0.966423
3	3.00000	85.5147		171.029	3.93386	1.44964
4	4.00000	90.9641		181.928	5.24515	1.93285
5	5.00000	95.7804		191.561	6.55644	2.41606
6	6.00000	100.113		200.225	7.86773	2.89927
7	8.00000	107.712		215.424	10.4903	3.86569
8	10.0000	114.333		228.666	13.1129	4.83212
.9	15.0000	128.528		257.056	19.6693	7.24818
10	20.0000	140.980		281.960	26.2258	9.66423
11	25.0000	152.528		305.055	32.7822	12.0803
12	30,0000	163.523		327.046	39.3386	14.4964
13	40.0000	184.535		369.069	52.4515	19.3285
14	50.0000	204.823		409.645	65.5644	24.1606
PAGE	17	The track of the formation of the property and the south track to the track to the south		and the state of t		

INPILT	0 .0	AME	TEDE

	LWA	4.0000		FREQ	9.00000		CS	4947.00
mon	ZTG ZL	250.00 150.00		TEMP	20.0000		GAMMAO GAMMA1	0.0180000
-		RANGE	нѕс	. нѕ	CSUM	нѕѕс		KSC
Tec 600	-0-	1.00000	71.7158	1	43.432	1.96404	·	0.483212
77	-1	1.50000	76.4153	1	52.831	2.94607		0.724818
	_5	2.00000	80.4606	1	60.921	3.92809)	0.966423
-	-3-	3.00000	87.4729	1	74.946	5.89213	.	1.44964
1980	-4-	4.00000	93.5751	1	87.150	7.85618	3	1.93285
MODE:	- 5	5.00000	99.0442	1	.98.088	9.82022	?	2.41606
News .	6	6.00000	104.029	2	08.058	11.7843	5	2.89927
	7	8.00000	112.934	2	25.869	15.7124		3.86569
-11-	-8	10.0000	120.861	2	41.721	19.6404		4.83212
10,000	9	15.0000	138.319	2	76.639	29.4607	,	7.24818
	10	20.0000	154.035	3	08.070	39.2809)	9.66423
Call Control	11	25.0000	168.847	3	37.693	49.1011		12.0803
	12	30.0000	183.106	3	66.211	58.9213	3	14.4964
	13	40.0000	210.645		21.290	78.5616	3	19.3285
	PAGE	18						

INPU	T PARAMETER	s .					
LWA	6.00		FREQ	9.000	0	CŞ	4947.00
ZTG ZL	250. 150.		ZX TEMP	20.000 60.000		GAMMAD GAMMA1	0.0180000 -0.333300
h	RANGE	HSC		HSCSUM	HSSC	нк	sc
0	1.00000	71.9816		143.963	2.22985	0	.483212
-1-	1.50000	76.8140		153.628	3.34477	0	.724818
2	2.00000	80.9922		161.984	4.45970	0	.966423
3	3.00000	88.2703		176.541	6.68955		.44964
-4-	4.00000	94.6384		189.277	8.91939		.93285
5	5.00000	100.373		200.746	11.1492		.41606
6		105.624		211.248	13.3791		.89927
7	8.00000	115.061		230.121	17.8388		.86569
8	10.0000	123.519		247.037	22.2985		.83212
9	15.0000	142.306		284.613	33.4477	7	.24818
10	20.0000	159.351		318.702	44.5970	9	.66423
11	25.0000	175.492		350.984	55.7462	1	2.0803
12	30.0000	191.080		382.159	66.8955	. 1	4.4964
13	40.0000	221.277		442.554	89.1939	1	9.3285
PAGE	19	•					•

LWA	8.000		FREQ	9.00000		s	4947.00
ZTG ZL	250.0 150.0		ZX TEMP	20.0000		SAMMAO SAMMA1	-0.333300
-	RANGE	HSC	HSCS	SUM	HSSC	нк	sc
0-	1.00000	71.9816	143	3.963	2.22985	0	.485212
-1	1.50000	76.8140	153	3.628	3.34477	0	724818
-2	2.00000	80.9922	16:	.984	4.45970		966423
-3	3,00000	88.2703	170	5.541	6.68955		44964
-4-	4.00000	94.6384	189	277	8.91939	1	93285
-5-	5.00000	100.373	200	.746	11.1492		41606
-6	6.00000	105.624	21:	1.248	13.3791	5	89927
7	8.00000	115.061	230	0.121	17.8388	3	86569
8	10.0000	123.519	24	7.037	22.2985	4	.83212
9	15.0000	142.306	28	4.613	33.4477	7	.24818
10	20.0000	159.351	31	3.702	44.5970	9	.66423
11	25.0000	175.492	350	0.984	55.7462	1	2.0803
12	30.0000	191.080	38:	2.159	66.8955	1	4.4964
13	40.0000	221.277	44:	2.554	89.1939	1	9.3285
PAGE	20						
							•

.WA	10.0	000	FREQ	9.000	000	CS	4	947.00
TG L	250. 150.		ZX TEMP	20.00		GAMMAO GAMMA1		0.0180000
R	ANGE	нѕс	— н	ISCSUM	нзѕс		IKSC	
0	1.00000	71.9816		143.963	2.229	85	0.483	212
1	1.50000	76.8140		153.628	3.344	77	0.724	818
2	2.00000	80.9922		161.984	4.459	70	0.966	423
3	3.00000	88.2703		176.541	6.689	55	1.449	64
4	4.00000	94.6384		189.277	8.919	39	1.932	85
5	5.00000	100.373		200.746	11.14	92	2.416	06
6	6.00000	105.624		211.248	13.37	91	2.899	27
7	8.00000	115.061		230.121	17.83	88	3.865	69
8	10.0000	123.519		247.037	22.29	85	4.832	12
9	15.0000	142.306		284.613	33.44	77	7.248	18
.0	20.0000	159.351		318.702	44.59	70	9.664	23
1	25.0000	175.492		350.984	55.74	62	12.08	303
.2	30.0000	191.080		382.159	66.89	55	14.49	64
.3	40.0000	221.277	*.	442.554	89.19	39	19.32	85
AGE	21							

			-				
	T PARAMETER						
.WA !TG	2.00 368. 150.	000	FREQ ZX TEMP	9.0000 20.0000 60.0000		S AMMAO AMMA1	4947.00 0.0180000 -0.333300
	RANGE	HSC .		HSCSUM	HSSC	нк	sc
0	1.00000	71.5412		143.082	1.13234		.485212
1	1.50000	75.9283		151.857	1.69852		.724818
2	2.00000	79.6318		159.264	2.26469		.966423
-3	3.00000	85.9336		171.867	3.39703	1	.44964
4	4.00000	91.3103		182.621	4.52937	1	.93285
5	5.00000	96.0416		192.083	5.66172	2	.41606
6	6.00000	100.276		200.552	6.79406		.89927
7	8.00000	107.641		215.281	9.05875	3	.86569
8	10.0000	113.985		227.969	11.3234	4	.83212
9	15.0000	127.390		254.780	16.9852		.24818
.0	20.0000	138.995		277.991	22.6469	9	.66423
1	25.0000	149.676		299.352	28.3086	1	2.0803
2	30.0000	159.794		319.587	33.9703	1	4.4964
13	40.0000	179.035		358.070	45.2937		9.3285
14	50.0000	197.543		395.086	56.6172		4.1606
5	60.0000	215.651		431.301	67.9406	2	88.9927
AGE	23		# 1 Property and the		<u> </u>		
							· · · · · · · · · · · · · · · · · · ·
PAGE	23					*	

INPU	T PARAMETER	S					
LWA ZTG ZL	3.00 368. 150.	000	FREQ ZX TEMP	9.0000 20.000 60.000	0	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
	RANGE	HSC	HS	CSUM	нѕѕс	нк	sc
0	1.00000	71.7201	1	43.440	1.31129	0	.483212
-1	1.50000	76.1967	1!	52.393	1.96693	0	.724818
-2	2.00000	79.9896	1	59.979	2.62258	0	.966423
3	3.00000	86.4704	1	72.941	3.93386	1	.44964
4	4.00000	92.0261	18	84.052	5.24515	1	.93285
5	5.00000	96.9364	19	93.873	6.55644	2	.41606
6	6.00000	101.350	20	02.699	7.86773	2	.89927
7	8.00000	109.072	2:	18.144	10.4903	3	.86569
8	10.0000	115.774	2;	31.548	13.1129	4	.83212
9	15.0000	130.074	2	60.148	19.6693	7	.24818
10	20.0000	142.574	21	85.149	26.2258	9	.66423
11	25.0000	154.149	31	08.299	32.7822	1	2.0803
12	30.0000	165.162	3;	30.324	39.3386	. 1	4.4964
13	40.0000	186.193	3	72.386	52.4515	1	9.3285
14	50.0000	206.490	4 :	12.980	65.5644	5	4.1606
PAGE	24						
				•			

100			
	THUM	PARAMETER	2
	NEUI	PARAMETER	. 5

0.00					
LWA	4.00000	FREQ	9.00000	CS	4947.00
ZTG	368.000	₹X	20.0000	GAMMAO	0.0180000
ZL	150.000	TEMP	60.0000	GAMMA1	-0.333300

-11	RANGE	нус	HSCSUM	нѕѕс	HKSC
4.				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
0	1.00000	72.3729	144.746	1.96404	0.483212
1	1.50000	77.1759	154.352	2.94607	0.724818
- 2	2.00000	81.2952	162.590	3.92809	0.966423
3	3.00000	88,4287	176.857	5.89213	1.44964
	4.00000	94.6371	189.274	7.85618	1.93285
5	5.00000	100.200	200.400	9.82022	2.41606
6-	6.00000	105.266	210.532	11.7843	2.89927
7	8.00000	114.294	228.588	15.7124	3.86569
8	10.0000	122.302	244,603	19.6404	4.83212
9	15.0000	139.866	279.731	29.4607	7.24818
10	20.0000	155.629	311.259	39.2809	9.66423
11	25.0000	170.468	340.937	49.1011	12.0803
12	30.0000	184.745	369,489	58.9213	14.4964
13	40.0000	212.303	424.606	78.5618	19.3285

PAGE 25

LWA ZTG	/ 000				
ZL	6.000 368.0 150.0	X¥ 000	20.000	O GAMMA	
	RANGE .	HSC	HSCSUM	HSSC	HKSC
0-	1.00000	72,6387	145.277	2.22985	0.483212
1	1.50000	77.5746	155.149	3.34477	0.724818
2	2.00000	81.8268	163.654	4.45970	0.966423
3	3.00000	89.2261	178.452	6.68955	1.44964
4	4.00000	95.7003	191.401	8.91939	1.93285
6	5.00000	101.529	203,058	11.1492	2.41606
6	6.00000	106.861	213.722	13.3791	2.89927
7	8.00000	116.421	232.841	17.8388	3.86569
8	10.0000	124.960	249.919	22.2985	4.83212
9-	15.0000	143.853	287.705	33.4477	7.24818
10	20.0000	160.945	321.891	44.5970	9.66423
11	25.0000	177.113	354.227	55.7462	12.0803
12	30.0000	192.719	385.438	66.8955	14.4964
13	40.0000	222.935	445.871	89.1939	19.3285
PAGE	26				

					1

100						
1	NIDI	IT	DA	DA	ME	TERS
	ML	J 1	PA	TA	ME	IEND

LWA	8.00000	FREQ	9.00000	CS	4947.00
ZTG	368.000	žΧ	20.0000	GAMMAO	0.0180000
ZTG ZL	150.000	TEMP	60.0000	GAMMA1	-0.333300

-1	RANGE	HSC	HSCSUM	HSSC	нкѕс
O	1.00000	72.6387	145.277	2.22985	0.483212
-1-1-	1.50000	77.5746	155,149	3.34477	0.724818
1_5	2.00000	81.8268	163.654	4.45970	0.966423
3	3.00000	89.2261	178.452	6.68955	1.44964
-1-4-	4.00000	95.7003	191.401	8.91939	1.93285
5	5.00000	101.529	203.058	11.1492	2.41606
-1-6-	6.00000	106.861	213.722	13.3791	2.89927
7-7-	8.00000	116.421	232.841	17.8388	3.86569
8	10.0000	124.960	249.919	22.2985	4.83212
9-	15.0000	143.853	287.705	33.4477	7.24818
10	20.0000	160.945	321.891	44.5970	9.66423
11	25.0000	177.113	354.227	55.7462	12.0803
12	30.0000	192.719	385.438	66.8955	14.4964
13	40.0000	222.935	445.871	89.1939	19.3265

PAGE 27

NPI	IT	DA	DA	MET	ERS

LWA	10.0000	FREO	9.00000	CS	4947.00
ZTG ZL	368.000	ξX	20.0000	GAMMAO	0.0180000
€ ŽL	150.000	TEMP	60.0000	GAMMA1	-0.333300

-1-	RANGE	HSC	HSCSUM	HSSC	нкѕс
T 0	1.00000	72.6387	145.277	2.22985	0.485212
-1-1	1.50000	77.5746	155.149	3.34477	0.724818
-1-5-	2.00000	81.8268	163.654	4.45970	0.966423
3	3.00000	89.2261	178.452	6.68955	1.44964
-1-4-	4.00000	95.7003	191.401	8.91939	1.93285
5	5.00000	101.529	203.058	11.1492	2.41606
-1-6-	6.00000	106.861	213.722	13.3791	2.89927
7-7-	8.00000	116.421	232.841	17.8388	3.86569
8-	10.0000	124.960	249.919	22.2985	4.83212
-1-9-	15.0000	143.853	287.705	33.4477	7.24818
10	20.0000	160.945	321.891	44.5970	9.66423
-111	25.0000	177.113	354.227	55.7462	12.0803
112	30.0000	192.719	385.438	66.8955	14.4964
13	40.0000	222.935	445.871	89.1939	19.3285

PAGE 28

		-						
		1						
		1	·				•	
	ZTG	1	×			•		
		TINPU	T PARAMETERS					
ZL 50	5	LWA	1.0000		FREQ	9.00000	CS	4947.00
	150	ETG EL	35.000 200.00		₹X TEMP	20.0000 60.0000	GAMMAO GAMMA1	
	50	Т						
		1	RANGE	HSC		HSCSUM	HSSC	HKSC
	*	70	1.00000	59.6284		119.257	0.965738	0.483212
71	8		1.50000	62.1323		124.265	1.44861	0.724818
100	900	2	2.00000	64.1222		128.244	1.93148	0.966423
		3	3.00000	67.3593		134.719	2.89722	1.44964
	*	4	4.00000	70.0801		140.160	3.86295	1.93285
		5	5.00000	72.5174		145.035	4.82869	2.41606
	*	6	6.00000	74.7751		149.550	5.79443	2.89927
71	3	7	8.00000	78.9507		157.901	7.72591	3.86569
150	8	8	10.0000	82.8406		165.681	9.65738	4.83212
	3	9	15.0000	91.8889		183.778	14.4861	7.24818
	3	10	20.0000	100.413		200.826	19.3148	9.66423
		-11	25.0000	108.650		217.300	24.1435	12.0803
72	/	12	30.0000	116.705		233.411	28.9722	14.4964
L 200		13	40.0000	132.473		264.947	38.6295	19.3285
		14	50.0000	147.954	9	295.908	48.2869	24.1606
		15	60.0000	163.253		326.506	57.9443	28.9927 .
1		PAGE						
1		11						
			and the second s	administrative and the second				
		ma						,
		-1						

2.000 35.00 200.0	000	FREQ ZX TEMP	9.00000 20.0000 60.0000		CS GAMMAO		
NGE			00.000				4947.00 0.0180000 -0.333300
	HSC	HSC	SUM	HSSC		HKSC	
.00000	59.6433		9.287	0.98058		0.4832	212
.50000	62.1546		4.309	1.47088		0.7248	
.00000	64.1519	121	8.304			0.9664	123
.00000	67.4039	13	4.808	2.94176		1.4496	34
.00000	70.1395	140	0.279	3.92235		1.9328	35
.00000	72.5917	149	5.183	4.90294		2.4160)6
.00000	74.8642	149	9.728	5.88352		2.8992	27
.00000	79.0695	158	8.139	7.84470		3.8656	9
0.0000	82.9891	16	5.978	9.80587		4.8321	.2
5.0000	92.1116	184	4.223	14.7088		7.2481	.8
0.0000	100.710	20:	1.420	19.6117		9.6642	3
5.0000	109.021	218	5.043	24.5147		12.050)3
0.0000	117.151	23	4.302	29.4176		14.496	,4
0.0000	133.067	266	6.135	39.2235		19.328	15
0.0000			7.393	49.0294		24.160)6
0.0000	164.144	328	8.288	58.8352		28.992	. 7
2							
	.00000 .00000 .00000 .00000 .00000 5.0000 0.0000 0.0000 0.0000	.00000 64.1519 .00000 67.4039 .00000 70.1395 .00000 72.5917 .00000 74.8642 .00000 79.0695 0.0000 82.9891 5.0000 92.1116 0.0000 100.710 5.0000 109.021 0.0000 133.067 0.0000 148.697 0.0000 164.144	.00000 64.1519 128 .00000 67.4039 138 .00000 70.1395 146 .00000 72.5917 148 .00000 74.8642 149 .00000 79.0695 158 0.0000 82.9891 168 5.0000 92.1116 188 0.0000 100.710 208 5.0000 109.021 218 0.0000 133.067 268 0.0000 148.697 298 0.0000 164.144 328	.00000 64.1519 128.304 .00000 67.4039 134.808 .00000 70.1395 140.279 .00000 72.5917 145.183 .00000 74.8642 149.728 .00000 79.0695 158.139 0.0000 82.9891 165.978 5.0000 92.1116 184.223 0.0000 100.710 201.420 5.0000 109.021 218.043 0.0000 177.151 234.302 0.0000 133.067 266.135 0.0000 148.697 297.393 0.0000 164.144 328.288	.00000 64.1519 128.304 1.96117 .00000 67.4039 134.808 2.94176 .00000 70.1395 140.279 3.92235 .00000 72.5917 145.183 4.90294 .00000 74.8642 149.728 5.88352 .00000 79.0695 158.139 7.84470 0.0000 82.9891 165.978 9.80587 5.0000 92.1116 184.223 14.7088 0.0000 100.710 201.420 19.6117 5.0000 109.021 218.043 24.5147 0.0000 117.151 234.302 29.4176 0.0000 133.067 266.135 39.2235 0.0000 148.697 297.393 49.0294 0.0000 164.144 328.288 58.8352	.00000 64.1519 128.304 1.96117 .00000 67.4039 134.808 2.94176 .00000 70.1395 140.279 3.92235 .00000 72.5917 145.183 4.90294 .00000 74.8642 149.728 5.88352 .00000 79.0695 158.139 7.84470 0.0000 82.9891 165.978 9.80587 5.0000 92.1116 184.223 14.7088 0.0000 100.710 201.420 19.6117 5.0000 109.021 218.043 24.5147 0.0000 17.151 234.302 29.4176 0.0000 133.067 266.135 39.2235 0.0000 148.697 297.393 49.0294 0.0000 164.144 328.288 58.8352	.00000 64.1519 128.304 1.96117 0.9664 .00000 67.4039 134.808 2.94176 1.4496 .00000 70.1395 140.279 3.92235 1.9328 .00000 72.5917 145.183 4.90294 2.4160 .00000 74.8642 149.728 5.88352 2.8992 .00000 79.0695 158.139 7.84470 3.8656 0.0000 82.9891 165.978 9.80587 4.8321 5.0000 92.1116 184.223 14.7088 7.2481 0.0000 100.710 201.420 19.6117 9.6642 0.0000 109.021 218.043 24.5147 12.080 0.0000 117.151 234.302 29.4176 14.496 0.0000 133.067 266.135 39.2235 19.328 0.0000 148.697 297.393 49.0294 24.160

. .

INPU	T PARAMETER	S					
LWA	3.00		FREQ	9.00000		CS	4947.00
ZTG ZL	35.0 200.		TEMP	20.0000 60.0000		GAMMAO GAMMA1	0.0180000
	RANGE	нес		HSCSUM	нѕѕс		HKSC
0	1.00000	59.7982		119.596	1.13555	5	0.483212
1	1.50000	62.3870		124.774	1.70332		0.724818
2	2.00000	64.4618		128.924	2.27110)	0.966423
3	3.00000	67.8688		135.738	3.40665	5	1.44964
-4	4.00000	70.7593		141.519	4.54220)	1.93285
5	5.00000	73.3665		146.733	5.67775	;	2.41606
6	6.00000	75.7940	-	151.588	6.81330)	2.89927
7	8.00000	80.3092		160.618	9.08440)	3.86569
8	10.0000	84.5387		169.077	11.3555	5	4.83212
9	15.0000	94.4360		188.872	17.0332	2	7.24518
10	20.0000	103.809		207.619	22.7110)	9.66423
11	25.0000	112.895		225.791	28.3887	1	12.0803
12	30.0000	121.800		243.600	34.0665	· .	14.4964
13	40.0000	139.266		278.532	45.4220)	19.3285

346.884

56.7775

68.1330

24.1606

28.9927

PAGE 3

15

50.0000

60.0000

156.445

INPU	T PARAMETER	S					
LWA ZTG ZL	4.00 35.0 200.	000	FREQ ZX TEMP	9.000 20.00 60.00	000	CS GAMMAO GAMMA1	4947.0 0.0180 -0.3333
	RANGE	нѕС	HS	CSUM	нѕѕс	———н	IKSC
0-	1.00000	60.3635	1	20.727	1.7008	?	0.483212
1-	1.50000	63.2349	1	26.470	2.5512	4	0.724818
-2	2.00000	65.5923	1	31.185	3.4016	5	0.966423
3	3.00000	69.5646	1	39.129	5.1024	,	1.44964
-4	4.00000	75.0204	1	46.041	6.80330)	1.93285
5	5.00000	76.1929	1	52.386	8.50412	2	2.41606
-6-	6.00000	79.1856	·1	58.371	10.204	9	2.89927
7	8.00000	84.8314	1	69.663	13.606	5	3.86569
8-	10.0000	90.1915	1	80.383	17.008	2	4.83212
-9	15.0000	102.915	2	05.830	25.512	4	7.24818
10	20.0000	115.115	2	30.230	34.016	5	9.66423
11	25.0000	127.027	2	54.055	42.520	6	12.0803
12	30.0000	138.758	2	77.516	51.024	7	14.4964
13	40.0000	161.877	3	23.754	68.033	0	19.3285
14	50.0000	184.708	3	69.417	85.041	2	24.1606
15	60.0000	207.358	4	14.717	102.04	9	28.9927
PAGE	4						

INPL	T PARAMETER	S					
LWA ZTG ZL	6.00 35.0 200.	000	FREQ ZX TEMP	9.0000 20.000 60.000	00	CS Gammao Gammai	4947.00 0.0180000 -0.333300
	RANGE	нес		HSCSUM	HSSC	нкѕ	C
0	1.00000	60.5937	A 7	121.187	1.93101	0.	483212
1	1.50000	63.5802		127.160	2.89651	0.	724818
2	2.00000	66.0527		132.105	3.86201	0.	966423
-3	3.00000	70.2551		140.510	5.79302	1.	44964
4	4.00000	73.9411		147.882	7.72402	1.	93285
5	5.00000	77.3438		154.688	9.65503	2.	41606
-6	6.00000	80.5667		161.133	11.5860	2.	89927
7	8.00000	86.6728		173.346	15.4480	3.	86569
-8	10,0000	92.4933		184.987	19.3101	4.	83212
9-	15.0000	106.368		212.736	28.9651	7.	24818
10	20.0000	119.719		239.437	38.6201	9.	66423
11	25.0000	132.782		265.564	48.2751	12	.0803
12	30.0000	145.663		291.327	57.9302	14	.4964
13	40.0000	171.084		342.168	77.2402	19	.3285
14	50.0000	196.217		392.435	96.5503	24	.1606
15	60.0000	221.169		442.339	115.860	. 28	.9927 .
PAGE	5						
1			•				
]							
1							

から からない というのから からの

LWA	8.00		FREQ	9.0000	00	CS	4947.00
ZTG	35.0 200.		ZX TEMP	20.000 60.000		GAMMAO GAMMA1	-0.333300
	RANGE	HSC	HSC	SUM	HSSC	HKS	C
-0-	1.00000	60.5937	12:	1.187	1.93101	0.	485212
1	1.50000	63.5802	12	7.160	2.89651	0.	724818
-2-	2.00000	66.0527	133	2.105	3.86201	0.	966423
3	3.00000	70.2551	140	510	5.79302	1.	44964
4	4.00000	73.9411	14	7.882	7.72402	1.	93285
5	5.00000	77.3438	15	4.688	9.65503	2.	41606
6-	6.00000	80.5667	16:	1.133	11.5860	2.	89927
7	8.00000	86.6728	17:	3.346	15.4480	3.	86569
8	10.0000	92.4933	184	1.987	19.3101	4.	83212
-9	15.0000	106.368	21	2.736	28.9651		24818
10	20.0000	119.719		9.437	38.6201		66423
11	25.0000	132.782		5.564	48.2751		.0803
12	30.0000	145.663		.327	57.9302		.4964
13	40.0000	171.084					.3285
				2.168	77.2402		
14	50.0000	196.217		2.435	96.5503		.1606
15	60.0000	221.169	44:	2.339	115.860	28	.9927
PAGE	E 6						
		A Marie Carlo Carl				and anyther was an extensive an experience	
	1						

	T PARAMETER						
ZTG ZL	10.0 35.0 200.	000	FREQ ZX TEMP	9.0000 20.000 60.000	O GAN	IMAO IMA1	4947.00 0.018000 -0.333300
	RANGE	нѕс	нѕсѕи	м	HSSC	HKSC	
0	1.00000	60.5937	121.	187	1.93101	0.4	83212
1	1.50000	63.5802	127.	160	2.89651	0.7	24818
2	2.00000	66.0527	132.	105	3.86201	0.9	66423
-3	3.00000	70.2551	140.	510	5.79302	1.4	4964
4	4.00000	73.9411	147.	882	7.72402	1.9	3285
-5	5.00000	77.3438	154.	688	9.65503	2.4	1606
6	6.00000	80.5667	161.	133	11.5860	2.8	9927
7	8.00000	86,6728	173.	346	15.4480	3.8	6569
8	10.0000	92.4933	184.	987	19.3101	4.8	3212
9	15.0000	106.368	212.	736	28.9651	7.2	4818
10	20.0000	119.719	239.	437	38.6201	9.6	6423
11	25.0000	132.782	265.	564	48.2751	12.	0803
12	30.0000	145.663	291.	327	57.9302	14.	4964
13	40.0000	171.084	342.	168	77.2402	19.	3285
14	50.0000	196.217	392.	435	96.5503	24.	1606
15	60.0000	221.169	442.	339	115.860	28.	9927 .
PAGE	7						

かないというできたというには

			,			•	
NPUT PARA	AMETERS						•
WA	2.00000	F	REQ	9.00000		Cs	4947.00
TG L							0.0180000
				001100		44111141	0,00000
RANGE	Н	sc .	HSCSU	т	SSC	н	KSC
0 1.000	000	55.6552	131.3	310	0.98058	7	0.483212
1 1.500	000	88.2510	136.5	502	1.47088		0.724818
2.000	000	70.3152	140.6	30	1.96117		0.966423
3 - 3.000	000 7	73.6695	147.3	339	2.94176		1.44964
4 4.000	000	76.4821	152.9	064	3.92235		1.93285
5 5.000	000	78.9950	157.9	90	4.90294		2.41606
6.000	000 8	1.3169	162.6	334	5.88352		2.89927
7 8.000	000	5.5990	171.1	98	7.84470		3.86569
8 10.00	000	39.5777	179.1	155	9.80587	-	4.83212
9 15.00	000	8.8110	197.	522	14.7088		7.24818
0 20.00	000 1	07.495	214.9	90	19.6117		9.66423
1 25.00	000 1	15.877	231.7	755	24.5147		12.0803
2 30.00	000	124.068	248.	136	29.4176	•	14.4964
3 40.00	000 1	140.083	280.5	66	39.2235		19.3285
	RANGE 0 1.000 1 1.500 2 2.000 3 3.000 4 4.000 5 5.000 6 6.000 7 8.000 8 10.00 9 15.00 1 25.00 1 25.00	TG 100.000 200.000 1.00000 6 6.00000 6 6.0000 6 6.0000 6 6.0000 6 6.0000 6 6.0000 6 6.0000 6 6.00000 6 6.0000 6 6.0000 6 6.0000 6 6.0000 6 6.0000 6 6.0000 6 6.00000 6 6.0000 6 6.0000 6 6.0000 6 6.0000 6 6.0000 6 6.0000 6 6.00000 6 6.0000	RANGE HSC 1.00000 65.6552 1.50000 70.3152 3.00000 76.4821 5.00000 78.9950 6.00000 81.3169 7.8.00000 89.5777 9.15.0000 98.8110 20.0000 107.495 1.25.0000 124.068	RANGE HSC HSCSUN 1.00000 70.3152 140.6 2.00000 70.3152 140.6 3.00000 70.4821 152.9 5.00000 78.9950 157.9 6.00000 81.3169 162.6 7.8.00000 89.5777 179.1 9.15.0000 98.8110 197.6 1.25.0000 107.495 214.9 1.25.0000 124.068 248.5	RANGE HSC HSCSUM H 1.00000 65.6552 131.310 1.50000 68.2510 136.502 2.00000 70.3152 140.630 3.00000 73.6695 147.339 4.00000 76.4821 152.964 5.00000 78.9950 157.990 6.00000 81.3169 162.634 7.8.00000 89.5777 179.155 9.0000 98.8110 197.622 0.00000 107.495 214.990 1.25.0000 124.068 248.136	NA 2.00000 FREQ 9.00000 TG 100.000 ZX 20.0000 L 200.000 TEMP 60.0000 RANGE HSC HSCSUM HSSC 0 1.00000 65.6552 131.310 0.98058 1 1.50000 68.2510 136.502 1.47088 2 2.00000 70.3152 140.630 1.96117 3 3.00000 73.6695 147.339 2.94176 4 4.00000 76.4821 152.964 3.92235 5 5.00000 78.9950 157.990 4.90294 6 6.00000 81.3169 162.634 5.88352 7 8.00000 89.5990 171.198 7.84470 8 10.0000 89.5777 179.155 9.80587 9 15.0000 98.8110 197.622 14.7088 0 20.0000 107.495 214.990 19.6117 1 25.0000 124.068 248.136 29.4176	TG 100.000 FREQ 9.00000 CS TG 100.000 FREQ 20.0000 GAMMA1 RANGE HSC HSCSUM HSSC H 0 1.00000 65.6552 131.310 0.980587 1 1.50000 68.2510 136.502 1.47088 2 2.00000 70.3152 140.630 1.96117 3 3.00000 73.6695 147.339 2.94176 4 4.00000 76.4821 152.964 3.92235 5 5.00000 78.9950 157.990 4.90294 6 6.00000 81.3169 162.634 5.88352 7 8.00000 89.5777 179.155 9.80587 9 15.0000 98.8110 197.622 14.7088 0 20.0000 107.495 214.990 19.6117 1 25.0000 15.877 231.755 24.5147

58.8352

24.1606

28.9927

PAGE 9

15 60.0000

14 50.0000 155.789 311.578

171.298 342.595

LWA	3.00	000	FREQ	9.00000	cs	4947.00
ZTG ZL	100.		ZX TEMP	20.0000		MA0 0.0180000 MA1 -0.333300
	RANGE	HSC		HSCSUM	нѕѕс	HKSC
0-	1.00000	65.8102		131.620	1.13555	0.485212
1-	1.50000	68.4834		136.967	1.70332	0.724818
-2	2.00000	70.6251		141.250	2.27110	0.966423
-3	3.00000	74.1343		148.269	3.40665	1.44964
4	4.00000	77.1020		154.204	4.54220	1.93285
5	5.00000	79.7698		159.540	5.67775	2.41606
- 6	6.00000	82.2466		164.493	6.81330	2.89927
7	8.00000	86.8387		173.677	9.08440	3.86569
- 8 -	10.0000	91.1274		182.255	11.3555	4.83212
9	15.0000	101.135		202.271	17.0332	7.24818
10	20.0000	110.594		221.188	22.7110	9.66425
11	25.0000	119.751		239.503	28.3887	12.0803
12	30.0000	128.717		257.433	34.0665	14.4964
13	40.0000	146.282		292.563	45.4220	19.3285
14	50.0000	163.537		327.074	56.7775	24.1606
15	60.0000	180.595		361.191	68.1330	28.9927

NPILT	PAG	DAME	TERE

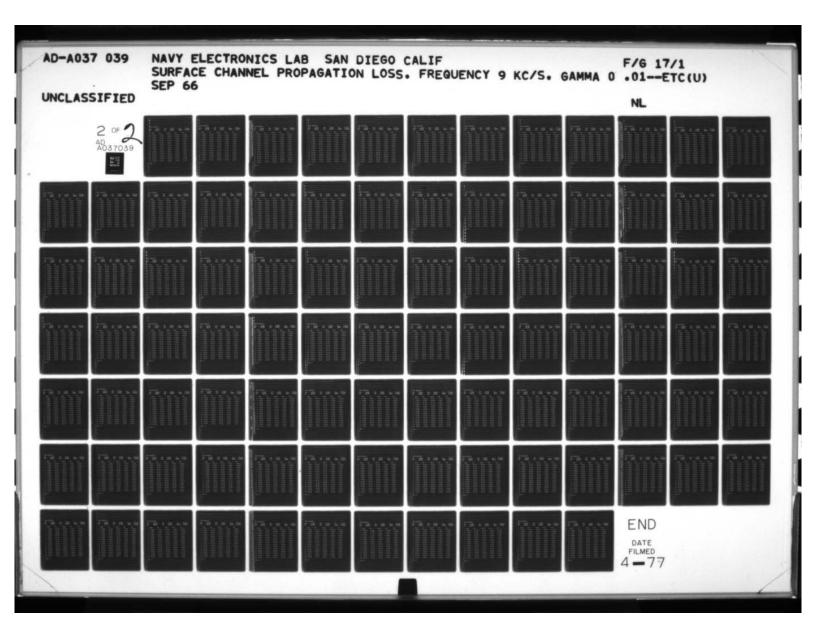
PAGE

11

∵ HA TG ZL		0000 000 000	ZX 20	.0000	CS 4947.00 GAMMA0 0.0180000 GAMMA1 -0.333300
	RANGE	нѕс	HSCSUM	HSSC	нкѕс
- 0	1.00000	66.3754	132.751	1.70082	0.483212
	1.50000	69.3313	138.663	2.55124	0.724818
- 2-	2.00000	71.7557	143.511	3.40165	0.966423
3 -	3.00000	75.8302	151.660	5.10247	1.44964
4	4.00000	79.3631	158.726	6.80330	1.93285
5	5.00000	82.5962	165.192	8.50412	2.41606
6	6.00000	85.6383	171.277	10.2049	2.89927
7	8.00000	91.3609	182.722	13.6066	3.86569
8	10.0000	96.7801	193.560	17.0082	4.83212
- 9	15.0000	109.615	219.229	25.5124	7.24818
1.0	20.0000	121.900	243.799	34.0165	9.66423
11	25.0000	133.883	267.767	42.5206	12.0803
L2	30.0000	145.675	291.350	51.0247	14.4964
13	40.0000	168.893	337.785	68.0330	19.3285
14	50.0000	191.801	383.602	85.0412	24.1606
15	60.0000	214.512	429.024	102.049	28.9927

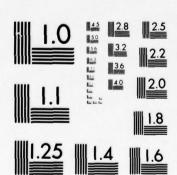
4947.00 0.0180000

INPU	T PARAMETERS	S			
LWA	6.000		REQ 9.000		4947.00
ZTG ZL	100.0 200.0		X 20.000 EMP 60.000		
	RANGE	HSC	HSCSUM	HSSC	нкѕс
0	1.00000	66.6056	133.211	1.93101	0.485212
1-	1.50000	69.6766	139.353	2.89651	0.724818
2	2.00000	72.2160	144.432	3.86201	0.966423
3	3.00000	76.5207	153.041	5.79302	1.44964
4	4.00000	80.2838	160.568	7.72402	1.93285
5	5.00000	g3.7471	167.494	9.65503	2.41606
6	6.00000	87.0194	174.039	11.5860	2.89927
7	8.00000	93.2024	186.405	15.4480	3.86569
8	10.0000	99.0819	198.164	19.3101	4.83212
9	15.0000	113.067	226.134	28.9651	7.24818
1	20.0000	126.503	253.007	38.6201	9.66423
12	30.0000	152.580	279.276 305.161	48.2751	12.0803
3		178.100		77.2402	19.3285
14				96.5503	
<u> </u>					
PAGE	12		·		
11					



OF

37039



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

NPU	T PARAMETER	RS					
WA	8.00		FREQ	9.0000		s	4947.00
L	100. 200.		TEMP	20.000 60.000		SAMMAO SAMMA1	0.018000
	RANGE	нас		HSCSUM	HSSC	нк	sc
0	1.00000	66.6056		133.211	1.93101	0	.483212
1	1.50000	69.6766		139.353	2.89651	0	.724818
2	2.00000	72.2160		144.432	3.86201	0	.966423
3	3.00000	76.5207		153.041	5.79302	1	.44964
4	4.00000	80.2838		160.568	7.72402	1	.93285
5	5.00000	85.7471		167.494	9.65503	2	.41606
6	6.00000	87.0194		174.039	11.5860	2	.89927
7	8.00000	93.2024		186.405	15.4480	3	.86569
8	10.0000	99.0819		198.164	19.3101	4	.83212
9	15.0000	113.067		226.134	28.9651	7	.24818
[0	20.0000	126.503		253.007	38.6201	9	.66423
11	25.0000	139.638		279.276	48.2751	1	2.0803
15	30.0000	152.580		305.161	57.9302	. 1	4.4964
13	40.0000	178.100		356.200	77.2402	1	9.3285
14	50.0000	203.310	•	406.620	96.5503	2	4.1606

Townson, or other Persons

*

	T PARAMETER						
WA	10.0		FREQ	9.00000	CS	MMAO	4947.00
L	200.		TEMP.	60.0000		MMA1	-0.333300
	RANGE	HSC		HSCSUM	HSSC	— н	KSC
0-	1.00000	66.6056		133.211	1.93101		0.483212
1	1.50000	69.6766		139.353	2.89651		0.724818
2	2.00000	72.2160		144.432	3.86201		0.966423
3	3.00000	76.5207		153.041	5.79302		1.44964
4	4.00000	80.2838		160.568	7.72402		1.93285
5	5.00000	83.7471		167.494	9.65503		2.41606
6	6.00000	87.0194		174.039	11.5860		2.89927
7	8.00000	93.2024		186.405	15.4480		3.86569
8	10.0000	99.0819		198.164	19.3101		4.83212
9	15.0000	113.067		226.134	28.9651		7.24818
1	20.0000	126.503		253.007	38.6201		9.66423
2	30.0000	152.580		279.276 305.161	48.2751		12.0803
3	40.0000	178.100		356.200	77.2402		19.3285
4	50.0000	203.310		406.620	96.5503		24.1606
AGE	14						

NP	UT PARAMETERS				
TG		00 2 X	20.00	00 GAMM	
, <u> </u>	RANGE	HSC	HSCSUM	HSSC	HKSC
P - 0	1.00000	69.8320	139.664	0.965738	0.483212
7	1.50000	72.9670	145.934	1.44861	0.724818
2	2.00000	75.4359	150.872	1.93148	0.966423
3	3.00000	79.3737	158.747	2.89722	1.44964
3 - 4	4.00000	82.6027	165.205	3.86295	1.93285
3 5	5.00000	85.4322	170.864	4.82869	2.41606
6	6.00000	88.0011	176.002	5.79443	2.89927
7	8.00000	92.6323	185.265	7.72591	3.86569
. 8	10.0000	96.8317	193.663	9.65738	4.83212
3 - 9	15.0000	106.326	212.652	14.4861	7.24818
10	20.0000	115.082	230.164	19.3148	9.66423
11	25.0000	123.461	246.921	24.1435	12.0803
15	30.0000	131.613	263.226	28.9722	14.4964
13	40.0000	147.510	295.020	38.6295	19.3285
14	50.0000	163.078	326.156	48.2869	24.1606
T15	60.0000	178.445	356.890	57.9443	28.9927
PAG	E 15				
			•		

INPU	T PARAMETER	S					
LWA	2.00		FREQ	9.0000		CS	4947.00
ETG EL	200. 200.		ZX TEMP	20.000 60.000		GAMMAD GAMMA1	0.01800 -0.33330
I	RANGE	HSC		HSCSUM	нѕѕс	——н	KSC
-0-	1.00000	69.8469		139.694	0.98058	7	0.483212
1-1-	1,50000	72.9893		145.979	1.47088		0.724818
-2-	2.00000	75.4656		150.931	1.96117		0.966423
3	3.00000	79.4183		158.837	2.94176		1.44964
4-	4.00000	82.6621		165.324	3.92235		1.93285
5	5.00000	85.5064		171.013	4.90294		2.41606
6	6.00000	88.0902	···	176.180	5.88352		2.89927
7	8.00000	92.7511		185.502	7.84470		3.86569
8	10.0000	96.9802		193.960	9.80587	•	4.83212
9	15,0000	106.549		213.097	14.7088		7.24818
10	20.0000	115.379		230.758	19.6117		9.66423
[1-	25.0000	123.832		247.664	24.5147		12.0803
12	30.0000	132.059		264.117	29.4176		14.4964
13	40.0000	148.104		296.208	39.2235		19.3285
L4	50.0000	163.820		327.641	49.0294		24.1606
15	60.0000	179.336		358.671	58.8352		28.9927
PAGE	16						
П			-				

INPU	T PARAMETER	S					
LWA	3.00		FREQ	9.0000		CS .	4947.00
₹TG ₹L	200. 200.		1EMP	20.000		GAMMAO GAMMA1	-0.333300
	RANGE	HSC		HSCSUM	HSSC	HKS	
0	1.00000	70.0018		140.004	1.13555	0.4	83212
1	1.50000	73.2217		146.443	1.70332	0.	24818
2	2.00000	75.7755		151.551	2.27110	0.9	66423
-3	3.00000	79.8832		159.766	3.40665	1.0	14964
4	4.00000	83.2819		166.564	4.54220	1.9	3285
5	5.00000	86.2813		172.563	5.67775	2.4	11606
6	6.00000	89.0200		178.040	6.81330	2.0	39927
7	8.00000	93.9908		187.982	9.08440	3.1	36569
-8	10.0000	98.5298		197.060	11.3555	4.0	3212
9	15.0000	108.873		217.746	17.0332	7.:	24618
10	20.0000	118.478		236.956	22.7110	9.0	56423
11	25.0000	127.706		255.412	28.3887	12	.0603
12	30.0000	136.707		273.415	34.0665	14	4964
13	40.0000	154.302		308.605	45.4220	19	3285
14	50.0000	171.568		343.137	56.7775	24	1606
15	60.0000	188.633		377.267	68.1330	28	9927
PAGE	17						

LWA	4.000	5	FREQ	9.000	00	ce	4047 00
ZTG ZL	200.0	000	ZX TEMP	20.00	00	CS GAMMAO GAMMA1	4947.00 0.01800 -0.33330
-	RANGE	HSC		ISCSUM	HSSC	— нк	sc
0	1.00000	70.5671		141.134	1.70082		.483212
1	1.50000	74.0696		148.139	2.55124	0	.724818
-2	2.00000	76.9061		153.812	3.40165		.966423
3	3.00000	g1.5790		163.158	5.10247		.44964
4	4.00000	85.5430		171.086	6.80330	1	.93285
5	5.00000	89.1076		178.215	8.50412	2	.41606
6	6.00000	92.4116	•	184.823	10.2049	5	.89927
7	8.00000	98.5130		197.026	13.6066	3	.86569
8	10.0000	104.183		208.365	17.0082	4	.83212
-9	15.0000	117.352		234.704	25.5124	7	.24818
10	20.0000	129.784		259.567	34.0165	9	.66423
11	25.0000	141.838		283.676	42.5206	1	2.0803
12	30.0000	153.666		307.331	51.0247	1	4.4964
13	40.0000	176.913		353.827	68.0330	1	9.3285
14	50,0000	199.832		399.664	85.0412	2	4.1606
15	60.0000	222.550		445.100	102.049	2	8.9927
	18						

*

-	T PARAMETERS					
TG	200.00		FREQ	9.00000	CS Gamma	4947.00 0.0180000
L	200.00		TEMP	60.0000	GAMMA	
	RANGE	HSC		HSCSUM	нѕѕс	HKSC
0	1.00000	70.7973		141.595	1.93101	0.483212
1	1.50000	74.4149		148.830	2.89651	0.724818
2	2.00000	77.3664		154.733	3.86201	0.966423
3	3.00000	82.2695		164.539	5.79302	1.44964
4-	4.00000	86.4637		172.927	7.72402	1.93285
5	5.00000	90.2585		180.517	9.65503	2.41606
6	6.00000	93.7927		187.585	11.5860	2.89927
7	8.00000	100.354		200.709	15.4480	3.86569
8	10.0000	106.484		212.969	19.3101	4.83212
9	15.0000	120.805		241.610	28.9651	7.24518
0	20.0000	134.387		268.775	38.6201	9.66423
11	25.0000	147.592		295.185	48.2751	12.0803
15	30.0000	160.571		321.142	57.9302	14.4964
13	40.0000	186.121		372.241	77.2402	19.3285
14	50.0000	211.341		422.682	96.5503	24.1606
PAGE	19	,				

TINPLI	T PARAMETERS						· · · · · · · · · · · · · · · · · · ·
LWA	8.0000	10	FREQ	9.000	<u> </u>	CS	4947.00
ETG EL	200.00	0	ZX TEMP	20.000	0	GAMMAD GAMMA1	0.01800
]	RANGE	HSC		HSCSUM	HSSC	нк	sc
- 0	1.00000	70.7973		141.595	1.93101	0	.483212
1	1.50000	74.4149		148.830	2.89651	0	.724818
2	2.00000	77.3664		154.733	3.86201	0	.966423
-3	3.00000	82.2695		164.539	5.79302	1	-44964
-4-	4.00000	86.4637		172.927	7.72402		.93285
5	5.00000	90.2585		180.517	9.65503	2	.41606
6	6.00000	93.7927		187.585	11.5860	2	.89927
7	8.00000	100.354		200.709	15.4480	3	.86569
8	10.0000	106.484		212.969	19.3101		.83212
9	15.0000	120.805		241.610	28.9651		.24818
10	20.0000	134.387		268.775	38.6201		.66423
11	25.0000	147.592		295.185	48.2751		2.0803
12		160.571		321.142	57.9302		4.4964
13	40.0000	186.121		372.241	77.2402		9.3285
[4-	50.0000	211.341		422.682	96.5503		4.1606
						· ·	
PAGE	20						

NPU	T PARAMETERS			4		
LWA STG	10.00 200.0 200.0	00	£X 2	.00000 0.0000 0.0000	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
	RANGE	HSC	HSCSUM	нѕѕс	нкѕс	
-0	1.00000	70.7973	141.59	5 1.9310	1 0.4	83212
1	1.50000	74.4149	148.83	0 2.8965	1 0.7	24818
2	2.00000	77.3664	154.73	3 3.8620	1 0.9	66423
3	3.00000	82.2695	164.53	9 5.7930	2 1.4	4964
4-	4.00000	86.4637	172.92	7.7240	2 1.9	3285
5	5.00000	90.2585	180.51	7 9.6550	3 2.4	1606
6 .	6,00000	95.7927	187.58	5 11.586	0 2.8	9927
7	8.00000	100.354	200.70	9 15.448	0 3.8	6569
8	10.0000	106.484	212.96	9 19.310	1 4.8	3212
9	15.0000	120.805	241.61	.0 28.965	1 7.2	4818
10	20,0000	134.387	268.77	5 38.620	9.6	6423
11	25.0000	147.592	295.18	5 48.275	12.	0803
12	30.0000	160.571	321.14	2 57.930	2 14.	4964
13	40.0000	186.121	372.24	77.240	2 19.	3285
14	50.0000	211.341	422.68	96.550	3 24.	1006
PAGE	21					

•

NPU	T PARAMETER	S			,		
WA	2.00		REQ	9.000	00	cs	4947.00
TG	300. 200.		EMP	20.00		GAMMAO GAMMA1	0.0180000 -0.333300
te .	RANGE	HSC	HS	CSUM	HSSC		IKSC
0	1.00000	77.5670	1	55.134	0.98058	7	0.483212
1	1.50000	81.3587	1	52.717	1.47088		0.724818
2	2.00000	84.2855	1	68.571	1.96117		0.966423
3-	3.00000	88.7884	1	77.577	2.94176)	1.44964
4	4.00000	92.3665	1	84.733	3.92235		1.93285
5	5.00000	95.4558	1	90.912	4.90294		2.41606
-6	6.00000	98.2354	1	96,471	5.88352	!	2.89927
7	8.00000	103.193	2	06.386	7.84470)	3.86569
8	10.0000	107.632	2	15.263	9.80587		4.83212
9	15.0000	117.506	2	35.012	14.7088	J	7.24818
10	20.0000	126.492	2	52.983	19.6117		9.66423
11	25.0000	135.035	2	70.071	24.5147		12.0803
12	30.0000	143.320		86,641	29.4176		14.4964
13	40.0000	159.435		18.870	39.2235		19.3285
14	50.0000	175.191		50.381	49.0294		24.1606
15	60.0000	190.731		81.461	58.8352		28.9927
PAGE	23						

LWA -	3.000	100	-05-				
	200.0		FREQ ZX TEMP	9.00000 20.0000 60.0000		CS Gammao Gamma1	4947.00 0.0180000 -0.333300
R	ANGE	нѕС	HSCSU	JM	HSSC	нкѕ	С
	1.00000	77.7220		444	1.13555		483212
	1.50000	81.5912		182	1.70332		724818
	2.00000	84.5954		191	2.27110		966423
1	3.00000	89.2533		507	3.40665		44964
	4.00000	92.9864		973	4.54220		
	5.00000	96.2306					93285
	6.00000	99.1652		461	5.67775		41606
				330	6.81330		89927
	8.00000	104.433		866	9.08440		86569
	10.0000	109.181		362	11.3555		83212
	15.0000	119.830	239.	661	17.0332	7.	24818
10 :	20.0000	129.591	259.	182	22.7110	9.	66423
11	25.0000	158.909	277	819	28.3887	12	.0803
12	30.0000	147.969	295.	938	34.0665	14	.4964
13	40.0000	105.634	331.	267	45.4220	19	.3285
14	50.0000	182.939	365.	878	56.7775	24	.1606
15	60.0000	200.028	4007	.057	68.1330	28	.9927
1	24						

П

INPL	JT PARAMETER	S					
LWA	4.00		FREQ	9.0000		CS	4947.00
ZL	300. 200.		₹X TEMP	20.000 60.000		GAMMAO GAMMA1	-0.333300
	RANGE	HSC		HSCSUM	нѕѕс		IKSC
0	1.00000	78.2873		156.575	1.70082		0.483212
1	1.50000	82.4391		164.878	2.55124		0.724818
2	2.00000	85.7259		171.452	3.40165		0.966423
3-	3.00000	90.9491		181.898	5.10247		1.44964
4-	4.00000	95.2475		190.495	6.80330		1.93285
5	5.00000	99.0569		198.114	8.50412		2.41606
-6-	6.00000	102.557		205,114	10.2049		2.89927
7	8.00000	108.955		217,910	13.6066		3.86569
8	10.0000	114.834		229.668	17.0082		4.83212
9	15.0000	128.309		256.619	25.5124		7.24818
10	20.0000	140.896		281.793	34.0165		9.66423
11	25.0000	153.041		306.082	42.5206		12.0803
12	30.0000	164.927		329.855	51.0247		14.4964
13	40.0000	188.245		376.489	68.0330		19.3285
14	50.0000	211.203		422.405	85.0412		24.1606
PAGE	25						•
		*					

,

0.	T PARAMETERS		5054	- 000-			44.4
LWA ZTG ZL	6.0000 300.00 200.00	0	FREQ ZX TEMP	9.00000 20.0000 60.0000)	CS GAMMAO GAMMA1	4947.00 0.018000 -0.333300
]	RANGE	HSC		HSCSUM	нѕѕс		HKSC
-0-	1.00000	78.5174		157.035	1.93101		0.483212
1	1.50000	82.7843		165.569	2.89651		0.724818
-2-	2.00000	86.1863		172.373	3.86201	•	0.966423
3	3.00000	91.6397		183.279	5.79302	!	1.44964
4	4.00000	96.1682	-	192.336	7.72402		1.93285
5	5.00000	100.208		200.416	9.65503		2.41606
-6	6.00000	103.938		207.876	11.5860)	2.89927
7	8.00000	110.797		221.593	15.4480)	3.86569
8-	10.0000	117.136		234.272	19.3101		4.83212
9-	15.0000	131.762		263.524	28.9651	•	7.24818
10	20.0000	145.500		291.000	38.6201		9.66423
11-	25.0000	158.796		317.592	48.2751	-	12.0803
12	30.0000	171.833		343.666	57.9302		14.4964
13	40.0000	197.452		394.904	77.2402	?	19.3285
14	50.0000	222.712.		445.423	96.5503	5	24.1606
PAGE	·26						

.

INPU	T PARAMETER	S					
LWA	8.00		FREO	9.00000		CS	4947.00
ETG ≧L	300. 200.		ZX TEMP	20.0000 60.0000		GAMMAO GAMMA1	0.0180000 -0.333300
	RANGE	HSC		HSCSUM	HSSC	- 1	IKSC
0	1.00000	78.5174		157.035	1.93101		0.483212
1	1.50000	82.7843		165.569	2.89651		0.724818
5-	2.00000	86.1863		172.373	3.86201		0.966423
3-	3.00000	91.6397		183.279	5.79302	·	1.44964
-4	4.00000	96.1682		192.336	7.72402		1.93285
5	5.00000	100.208		200.416	9.65503		2.41606
-6	6.00000	103.938		207.876	11.5860		2.89927
7	8.00000	110.797		221.593	15.4480		3.86569
8	10.0000	117.136		234.272	19.3101		4.83212
-9	15.0000	131.762		263.524	28.9651		7.24818
10	20.0000	145.500		291.000	38.6201		9.66423
11	25.0000	158.796		317.592	48.2751		12.0803
12	30.0000	171.833		343.666	57.9302		14.4964
13	40.0000	197.452		394.904	77.2402	!	19.3285
14	50.0000	222.712		445.423	96.5503	1	24.1606
PAGE	27						

Parameter S

INPU	T PARAMETERS	S					
LWA ZTG ZL	10.00 300.0 200.0	000	FREQ ZX TEMP	9.0000 20.000 60.000	0	CS GAMMAO GAMMA1	4947.00 0.018000 -0.333300
	RANGE	HSC	нѕ	CSUM	HSSC	Н	(SC
0-	1.00000	78.5174	1	57.035	1.93101		0.483212
1-	1.50000	82.7843		65.569	2.89651		0.724818
2	2.00000	86.1863	1	72.373	3.86201		7.966423
3	3.00000	91.6397	1	83.279	5.79302		1.44964
-4	4.00000	96.1682	1	92.336	7.72402		.93285
5	5.00000	100.208	2	00.416	9.65503		2.41606
6	6.00000	103.938	2	07.876	11.5860		2.89927
7	8.00000	110.797	2	21.593	15.4480		3.86>69
-8-	10.0000	117.136	2	34.272	19.3101		4.83212
9-	15.0000	131.762	2	63.524	28.9651		7.24818
10	20.0000	145.500	2	91.000	38.6201		9.66423
11	25.0000	158.796	3	17.592	48.2751		12.0803
12	30.0000	171.833	3	43.666	57.9302		14.4964
13	40.0000	197.452	3	94.904	77.2402		19.3285
14-	50.0000	222.712	4	45.423	96.5503		24.1606
PAGE	28					•	*
,							

	•				
NPU	T PARAMETERS				*
WA.	2.000			CS	4947.00
TG	424.0 200.0		20.0000	GAMMAD GAMMA1	-0.333300
	RANGE	HsC	HSCSUM	HSSC	HKSC
0-	1.00000	78.3356	156.671	0.980587	0.483212
1-	1.50000	82.4145	164.829	1.47088	0.724818
2	2.00000	85.5298	171.060	1.96117	0.966423
3	3.00000	90.2353	180.471	2.94176	1.44964
4	4.00000	93.9043	187.809	3.92235	1.93285
5	5.00000	97.0449	194.090	4.90294	2.41606
6	6.00000	99.8598	199.720	5.88352	2.89927
7-	8.00000	104.865	209.731	7.84470	3.86569
8	10.0000	109.334	218.668	9.80587	4.83212
9	15.0000	119.247	238.494	14.7088	7.24818
.0-	20.0000	128.248	256.497	19.6117	9.66423
1	25.0000	136.800	273.599	24.5147	12.0803
2	30.0000	145.089	290.178	29.4176	14.4964
3	40.0000	161.208	322.416	39.2235	19.3285
4	50.0000	176.965	353.931	49.0294	24.1606
5	60.0000	192.507	385.013	58.8352	28.9927
AGE	30				

•	к.														
•		M	0		-	-		2		-		T	_	m	-
	L	N		u		P	A	ĸ	A	м	-		-	ĸ	5

LWA	3.00000	FREQ	9.00000	CS	4947.00
ETG	424.000	ξX	20.0000	GAMMAO	0.0180000
EL	200.000	TEMP	60.0000	GAMMA1	-0.333300

	*					
-1-	RANGE	HSC	HSCSUM	HSSC	нкѕс	
- - 0	1.00000	78.4906	156.981	1.13555	0.483212	
-1-1	1.50000	82.6469	165.294	1.70332	0.724818	
72	2.00000	85.8397	171.679	2.27110	0.966423	
3	3.00000	90.7002	181.400	3.40665	1.44964	
4	4.00000	94.5241	189.048	4.54220	1.93285	
5	5.00000	97.8197	195.639	5:67775	2.41606	
÷6	6,00000	100.790	201.579	6.81330	2.89927	
7	8.00000	106.105	212.210	9.08440	3.86569	
IDM 8	10.0000	110.884	221.767	11.3555	4.83212	
9-	15.0000	121.571	243.143	17.0332	7.24818	- ~
10	20.0000	131.348	262.695	22.7110	9.66423	
	25.0000	140.674	281.347	28.3887	12.0803	
12	30.0000	149.738	299.475	34.0665	14.4964	
13	40.0000	167.406	334.813	45.4220	19.3285	
[14	50.0000	184.714	369.427	56.7775	24.1606	
15	60.0000	201.804	403.609	68.1330	28.9927	
1-11-						

PAGE 31

INPU	T PARAMETER	S					
LWA ETG EL	4.00 424. 200.	000	FREQ ZX TEMP	9.000 20.00 60.00	00	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
-	RANGE	HSC	——-н	SCSUM	HSSC	—— н	KSC
0	1.00000	79.0558		158.112	1.70082		0.485212
-1	1.50000	83.4949		166.990	2.55124		0.724818
-2	2.00000	86.9703		173.941	3.40165		0.966425
3	3.00000	92.3960		184.792	5.10247		1.44964
4	4.00000	96.7852		193.570	6.80330		1.93285
5	5.00000	100.646		201.292	8.50412		2.41606
6	6.00000	104.181		208.362	10.2049		2.89927
7	8.00000	110.627		221.255	13.6066		3.86569
8	10.0000	116.536		233.073	17.0082		4.83212
··•	15.0000	130.050		260.101	25.5124		7.24818
10	20.0000	142.653		285.306	34.0165		9.66423
11	25.0000	154.805		309.611	42.5206		12.0803
12-	30.0000	166.696		333.392	51.0247		14.4964
13	40.0000	190.017		380.035	68.0330		19.3285
14	50.0000	212.977		425.955	85.0412		24.1606
PAGE	32	•					

.

LWA	6.00	000	FREQ	9.000	00	CS	4947.00
ZTG	424.		ZX	20.00		GAMMAO	0.0180000
ZL_	200.	000	TEMP	60.00	00	GAMMA1	-0.333300
	RANGE	HSC	— нѕ	CSUM	HSSC	нк	sc
0	1.00000	79.2860	1	58.572	1.93101		.483212
1	1.50000	83.8401	1	67.680	2.89651	0	.724818
2	2.00000	87.4306	1	74.861	3.86201		.966423
-3	3.00000	93.0865	1	86.173	5.79302	1	.44964
4	4.00000	97.7059	1	95.412	7.72402	1	.93285
5	5.00000	101.797	2	03.594	9.65503	2	.41606
-6	6.00000	105.562	2	11.125	11.5860	2	.89927
7	8.00000	112.469	2	24.937	15.4480	3	.86569
8	10.0000	118.838		37.677	19.3101		.83212
9	15.0000	133.503		67.006	28.9651		.24818
10	20.0000	147.257	2	94.513	38.6201	9	.66423
11	25.0000	160.560	3	21.120	48.2751	1	2.0803
12	30.0000	173.601	3	47.203	57.9302	. 1	4.4964
13	40.0000	199.225		98.449	77.2402		9.3285
.4	50.0000	224.486	4	48.973	96.5503	2	4.1606
PAGE	33						
			1				

.

	PARAMETERS						
WA TG L	8.000 424.0 200.0	000	FREQ ZX TEMP	9.00000 20.0000 60.0000		CS GAMMAO GAMMA1	4947.00 0.018000 -0.333300
F	RANGE	HSC	HSCS	UM	нѕѕс	•	HKSC
0	1.00000	79.2860		.572	1.9310		0.485212
4	1.50000						
•		83.8401		.680	2.8965		0.724818
-	2.00000	87.4306		.861	3.8620		0.966423
3	3.00000	93.0865	186	•173	5.7930	2	1.44964
4	4.00000	97.7059	195	.412	7:7240	2	1.93285
5	5.00000	101.797	203	.594	9.6550	3	2.41606
6	6.00000	105.562	211	-125	11.586	0	2.89927
7	8.00000	112.469	224	.937	15.448)	3.86569
8	10.0000	118.838	237	.677	19.310	1	4.83212
9	15.0000	133.503	267	.006	28.965	1	7.24818
0	20.0000	147.257	294	.513	38.620	1	9.66423
1-	25.0000	160.560	321	•120	48.275	1	12.0803
2	30.0000	173.601		.203	57.930		14.4964
3	40.0000	199.225		.449	77.240		19.3285
			*				
4	50.0000	224.486	448	973	96.550	3	24.1606
AGE	34						•

	T PARAMETERS						
LWA ZTG	10.00	000	FREQ ZX	20.000		CS GAMMAO	4947.00 0.018000
ŽL_	200.0	000	TEMP	60.00	00	GAMMA1	-0.333300
	RANGE	HSC	нѕ	CSUM	нѕѕс	н	ksc ·
0-	1.00000	79.2860	1	58.572	1.93101		0.483212
1	1.50000	83.8401	1	67.680	2.89651		0.724818
-2	2.00000	g7.4306	1	74.861	3.86201		0.966423
-3	3.00000	93.0865	1	86.173	5.79302		1.44964
4	4.00000	97.7059	1	95.412	7.72402		1.93285
5	5.00000	101.797	2	03.594	9.65503		2.41606
6	6.00000	105.562	2	11.125	11.5860		2.89927
7	8.00000	112.469	2	24.937	15.4480		3.86569
8	10.0000	118.838	2	37.677	19.3101		4.83212
9	15.0000	133.503		67.006	28.9651		7.24818
10	20.0000	147.257	5	94.513	38.6201		9.66423
1	25.0000	160.560	3	21.120	48.2751		12.0803
12	30.0000	173.601	3	47.203	57.9302		14.4964
.3	40.0000	199.225	3	98.449	77.2402		19.3285
4	50.0000	224.486	-4	48.973	96.5503		24.1006
PAGE	35						

-

No.									
			•						
	TG	-1							
72	\$	1							
8	150	TINPU	T PARAMETERS	3					
	3/2	LWA	1.000		FREQ	9.000		cs	4947.00
	^	ZTG	35.00 300.0		ZX TEMP	20.00		GAMMAO GAMMA1	0.0180000 -0.333300
			PANOE			II.u	11050		
	35	1	RANGE	HSC	HSCS		HSSC	нк	SC
ZL 1	18	T	1.00000	59.1587	118	.317	0.78845	2 0	.483212
100	300	-1-1	1.50000	61.5766	123	.153	1.18268	0	.724818
	S. S.	1	2.00000	63.4777	126	.955	1.57690	0	.966423
			3.00000	66.5319	133	.064	2.36536	1	.44964
	6	1-4	4.00000	69.0664	138	.133	3.15381	1	.93285
	*	5	5.00000	71.3161	142	.632	3.94226	2	.41606
ZL 150	8	6	6.00000	75.3861	146	.772	4.73071	2	.89927
8	3	T 7	8.00000	7/.1879	154	•376	6.30762	3	.86569
	35	P - 1-8	10.0000	80.7069	161	.414	7.88452	4	.83212
	*	9-7-9-	15.0000	88.8373	177	•675	11.8268	7	.24818
	1 20	1	20.0000	96.4526	192	•905	15.7690	9	.66423
Z		711	25.0000	103.786		•571	19.7113		2.0803
L 200	*	1047	30,0000	110.940		.681	23.6536		4.4964
	8	13	40.0000	124.913		.826	31.5381		9.3285
	5	2							
		4 1.4	50.0000	138.604		•208	39.4226		4.1006
	1	15	60.0000	152.116	304	.233	47.3071	. 5	8.9927
	1/	PAGE	1						
2L 300									
1		-							
1				n ann a share, a share a an a	**************************************		er to desire. The translation that graves from any sure the residual of		
		П							

鱖

NPU	T PARAMETERS	S			
LWA !TG	2.000 35.00 300.0	000 Z	REQ 9.0000 (20.000 EMP 60.000	O GAMM	
	RANGE	HSC	HSCSUM	HSSC	HKSC
0	1.00000	59.1708	118.342	0.800575	0.483212
1	1.50000	61.5948	123.190	1.20086	0.724818
2	2.00000	63.5020	127.004	1.60115	0.966423
3	3.00000	60.5683	133.137	2.40173	1.44964
4	4.00000	69.1149	138.230	3.20230	1.93285
5	5.00000	71.3767	142.753	4.00288	2.41606
-6	6.00000	75.4589	146.918	4.80345	2.89927
7-	8.00000	77.2849	154.570	6.40460	3.86569
8	10.0000	80.8281	161.656	8.00575	4.83212
9	15,0000	89.0191	178.038	12.0086	7.24818
10	20.0000	96.6951	193.390	16.0115	9.66423
11	25.0000	104.089	208.178	20.0144	12.0803
12	30.0000	111.304	222.608	24.0173	14.4964
13	40.0000	125.398	250.796	32.0230	19.3285
14	50.0000	139.210	278.420	40.0288	24.1606
15	60.0000	152.844	305.688	48.0345	28.9927
PAGE	2				

LWA	3.00	000 F	REQ 9.0000	0 Cs	4947.00
ETG	35.0 300.	000 2	X 20.000 EMP 60.000	O GAMMAO	0.0180000 -0.333300
	RANGE	нус (HSCSUM	нѕѕс	HKSC
0	1.00000	59.2973	118,595	0.927090	0.483212
1-	1.50000	61.7845	123.569	1.39064	0.724818
2	2.00000	63.7550	127.510	1.85418	0.966423
3	3.00000	66.9478	133.896	2.78127	1.44964
4	4.00000	69.6209	139.242	3.70836	1.93285
5	5.00000	72.0093	144.019	4.63545	2.41606
6	6.00000	74.2179.	148.436	5.56254	2.89927
7	8.00000	78.2970	156.594	7.41672	3.86569
8	10.0000	82.0933	164.187	9.27090	4.83212
9	15.0000	90.9169	181.834	13.9064	7.24518
10	20.0000	99.2254	198.451	18.5418	9.66423
11	25.0000	107.252	214.503	23.1773	12.0803
12	30.0000	115.100	230.199	27.8127	14.4964
13	40.0000	130.459	260.917	37.0836	19.3265
.4	50.0000	145.536	291.072	46.3545	24.1606
15	60.0000	160.435	320.869	55.6254	28.9927
PAGE	3				

INPU	T PARAMETER	S					
LWA 2TG 2L	4.00 35.0 300.	000	FREQ ZX TEMP	9.00000 20.0000 60.0000		CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
	RANGE	Hsc		HSCSUM	HSSC		IKSC
0	1.00000	59.7588		119.518	1.38859		0.483212
-1	1.50000	62.4768		124.954	2.08289		0.724818
-2	2.00000	64.6780		129.356	2.77719		0.966423
3	3.00000	68.3323		136.665	4.16578		1.44964
4	4.00000	71.4669		142.934	5.55438		1.93285
5	5.00000	74.3168		148.634	6.94297		2.41606
6 .	6.00000	76.9870	7	153.974	8.33157	water the same or a second	2.89927
7	8.00000	81.9891		163.978	11.1088		3.86569
8	10.0000	86.7083		173.417	13.8859		4.83212
9	15.0000	97.8394		195.679	20.8289		7.24818
10	20.0000	108.455		216.911	27.7719	***************************************	9.66423
11	25.0000	118.789		237.579	34.7149		12.0803
12	30.0000 -	128.945		257.889	41.6578		14.4964
13	40.0000	148.919		297.838	55.5438		19.3285
14	50.0000	168.611		337.222	69.4297		24.1606
15	60.0000	188.125		376.250	83.3157		28.9927
PAGE	4	and arrive are the majority of the service and		Commission of the American State of the Commission of the Commissi			

.

.

INPU	T PARAMETERS	3			
LWA	6.000		EQ 9.000		4947.00
ZTG ZL	35.00 300.0		Mp 60.00		
	RANGE	HSC	HSCSUM	HSSC	HKSC
0	1.00000	59.9468	119.894	1.57652	0.483212
1	1.50000	62.7587	125.517	2.36478	0.724818
2	2.00000	65.0539	130.108	3.15304	0.966423
-3	3.00000	68.8961	137.792	4.72956	1.44964
4	4.00000	72.2186	144.437	6.30608	1.93285
5	5.00000	75.2565	150.513	7.88260	2.41606
-6	6.00000	78.1145.	156.229	9.45912	2.89927
7	8.00000	83.4925	166.985	12.6122	3.86569
8	10.0000	88.5876	177.175	15.7652	4.83212
9	15.0000	100.658	201.317	23.6478	7.24818
10	20.0000	112.214	224.428	31.5304	9.66423
[1	25.0000	123.487	246.975	39.4130	12.0803
1.2	30.0000	134.582	269.165	47.2956	14.4964
13	40.0000	156.436	312.872	63.0608	19.3285
.4	50.0000	178.007	356.015	78.8260	24.1006
15	60.0000	199.401	398.801	94.5912	28.9927
PAGE	5				
			•		

.WA	8.00	000 FF	REQ 9.000	oo cs	4947.00
TG	35.0 300.		20.00 MP 60.00		
1					
	RANGE	HSC	HSCSUM	HSSC	HKSC
0-	1.00000	59.9468	119.894	1.57652	0.485212
1	1.50000	62.7587	125.517	2.36478	0.724818
2	2.00000	65.0539	130.108	3.15304	0.966423
3	3.00000	68.8961	137.792	4.72956	1.44964
4	4.00000	72.2186	144.437	6.30608	1.93285
5	5.00000	75.2565	150.513	7.88260	2.41606
-6	6.00000	78.1145	156.229	9.45912	2.89927
7-	8.00000	83.4925	166.985	12.6122	3.86569
-8	10.0000	88.5876	177.175	15.7652	4.83212
9	15.0000	100.658	201.317	23.6478	7.24818
10	20.0000	112.214	224.428	31.5304	9.66423
11	25.0000	123.487	246.975	39.4130	12.0803
12	30.0000	134.582	269.165	47.2956	14.4964
13	40.0000	156.436	312.872	63.0608	19.3285
14	50.0000	178.007	356.015	78.8260	24.1606
15	60.0000	199.401	398.801	94.5912	28.9927
D. C.			•		
PAGE	6	and the state of the statement of the st			
			•		

.

NPU	T PARAMETER	S			
TG	10.0 35.0 300.	000	FREQ 9.0000 EX 20.000 TEMP 60.000	OO GAM	
	RANGE	HSC	HSCSUM	HSSC	нкѕс
0	1.00000	59.9468	119.894	1.57652	0.483212
1	1.50000	62.7587	125.517	2.36478	0.724818
2	2.00000	65.0539	130.108	3.15304	0.966423
3 -	3.00000	68.8961	137.792	4.72956	1.44964
4	4.00000	72.2186	144.437	6.30608	1.93285
5	5.00000	75.2565	150.513	7.88260	2.41606
6	6.00000	78.1145	156.229	9.45912	2.89927
7	8.00000	83.4925	166.985	12.6122	3.86569
8	10.0000	88.5876	177.175	15.7652	4.83212
9	15.0000	100.658	201.317	23.6478	7.24818
10	20.0000	112.214	224.428	31.5304	9.66423
11	25.0000	123.487	246.975	39.4130	12.0803
12	30.0000	134.582	269.165	47.2956	14.4964
13	40.0000	156.436	312.872	63.0608	19.3285
14	50.0000	178.007	356.015	78.8260	24.1606
15	60.0000	199.401	398.801	94.5912	28.9927
PAGE	7				
15 PAGE	60.0000				

NPUT PARAMETERS 2.00000 FREQ 9.00000 CS 4947.00 150.000 20.0000 0.0180000 ZX GAMMAO 300.000 TEMP GAMMA1 -0.333300 60.0000 RANGE HSC HSCSUM HSSC HKSC 0.483212 1.00000 62.1126 124.225 0.800575 1.50000 64.6126 129.225 1.20086 0.724818 2.00000 66.5827 133.165 1.60115 0.966423 3.00000 69.7441 2.40173 1.44964 139,488 4.00000 72.3564 3.20230 1.93285 144.713 5.00000 74.6645 149.329 4.00288 2.41606 2.89927 6.00000 76.7797 153.559 4.80345 8.00000 80.6480 161.296 6.40460 3.86569 10.0000 84.2158 168.432 8.00575 4.83212 15.0000 7.24818 92.4372 184.874 12.0086 20.0000 100.128 200.255 9.66423 16.0115 10 25.0000 12.0603 11 107.531 215.061 20.0144 30.0000 14.4964 12 114.753 229.506 24.0173 40.0000 128.857 19.3285 13 257.714 32.0230 50.0000 40.0288 14 142.676 285.352 24.1606 60.0000 28.9927 15 156.315 312.629 48.0345

PAGE 9

INPU	T PARAMETER	S			
LWA ZTG ZL	3.00 150. 300.	000 ZX	20.00	OO GAMMA	
	RANGE	HSC	HSCSUM	нѕѕс	нкѕс
0	1.00000	62.2391	124.478	0.927090	0.483212
1	1.50000	64.8024	129.605	1.39064	0.724818
-2-	2.00000	66.8358	133.672	1.85418	0.966423
3	3.00000	70.1236	140.247	2.78127	1.44964
4	4.00000	72.8624	145.725	3.70836	1.93285
5	5.00000	75.2970	150.594	4.63545	2.41606
6	6.00000	77.5388	155.078	5.56254	2.89927
7	8.00000	81.6602	163.320	7.41672	3.86569
8 -	10.0000	85.4809	170.962	9.27090	4.83212
9	15.0000	94.3349	188.670	13.9064	7.24818
10	20.0000	102.658	205.316	18.5418	9.66423
11-	25.0000	110.694	221.387	23.1773	12.0803
12-	30.0000	118.548	237.097	27.8127	. 14.4964
13	40.0000	133.918	267.835	37.0836	19.3285
L4 -	50.0000	149.002	298.003	46.3545	24.1606
15	60.0000.	163.905	327.811	55.6254	28.9927
PAGE	10				
I	10	Contraction of the Contraction o			

INPU	T PARAMETER	S					
LWA ZTG ZL	4.00 150. 300.	000	FREQ ZX TEMP	9.0000 20.000 60.000	00	CS GAMMAO GAMMA1	4947.00 0.018000 -0.333300
	RANGE	HSC	н	SCSUM	HSSC	н	csc
0	1.00000	62.7006		125.401	1.38859		7.483212
1	1.50000	65.4946		130.989	2.08289		0.724818
2	2.00000	67.7588		135.518	2.77719		0.966423
3	3.00000	71.5081		143.016	4.16578		1.44964
4	4.00000	74.7085		149.417	5.55438		93285
5	5.00000	77.6046		155.209	6.94297		2.41606
	6.00000	80.3078		160.616	8.33157		2.89927
7-	8.00000	85.3522		170.704	11.1088		5.86569
8	10.0000	90.0960		180.192	13.8859		1.83212
9	15.0000	101.257		202.515	20.8289		7.24818
10	20.0000	111.888		223.776	27.7719		0.66423
11	25.0000	122.231		244.462	34.7149		12.0803
12	30.0000	132.393		264.787	41.6578		14.4964
13	40.0000	152.378		304.756	55.5438		19.3285
14	50.0000	172.077		344.154	69.4297		24.1006
15	60.0000	191.596					28.9927
		171.590		383.191	83.3157		10.9927
PAGE	11						

The same

INPU	T PARAMETER	S					
LWA	6.00		FREQ	9.0000		CS	4947.00
ÉL	300.		TEMP	20.000		GAMMAO GAMMA1	-0.333300
	RANGE	HSC	HSCS	им	нѕѕс	нк:	sc
0-	1.00000	62.8885		•777	1.57652		.485212
1	1.50000	65.7765		•553	2.36478		.724818
-2-	2.00000	68.1346		.269	3.15304		.966423
	3.00000	72.0719		.144	4.72956		.44964
4-	4.00000	75.4602		.920	6.30608		.93285
5		78.5442		.088	7.88260		.41606
	6.00000	81.4353		.871	9.45912		.89927
7	8.00000	26.8556		.711	12.6122		.86569
8-	10.0000	91.9752		.950	15.7652		.83212
9	15.0000	104.076		.153	23.6478		.24818
10	20.0000	115.647		.293	31.5304		.66423
11	25.0000	126.929		.859	39.4130		2.0803
12-	30.0000	138.031		.062	47.2956		4.4964
13	40.0000	159.895	319	.790	63.0608	1	9.3285
14	50.0000	181.473			78.8260		4.1606
15	60.0000	202.871	405	.742	94.5912	2	8.9927
				·			
PAGE	12						
		Printers designated to the transfer of the second con-					

.

.

IN	PIIT	DA	PA	ME	TERS

LWA	8.00000	FREQ	9.00000	CS	4947.00
žTG ŽL	150.000	₹X	20.0000	GAMMAO	0.0180000
-2L	300.000	TEMP	60.0000	GAMMA1	-0.333300

1	RANGE	нес	HSCSUM	HSSC	нкѕс
10	1.00000	62.8885	125.777	1.57652	0.483212
-1-1	1.50000	65.7765	131.553	2.36478	0.724818
1-2	2.00000	68.1346	136.269	3.15304	0.966423
-3-	3.00000	72.0719	144.144	4.72956	1.44964
1-4	4.00000	75.4602	150.920	6.30608	1.93285
1 5	5.00000	78.5442	157.088	7.88260	2.41606
-1-6-	6.00000	81.4353	162.871	9.45912	2.89927
17	8.00000	86.8556	173.711	12.6122	3.86569
- 8	10.0000	91.9752	183.950	15.7652	4.83212
-1-9-	15.0000	104.076	208.153	23.6478	7.24818
10	20.0000	115.647	231.293	31.5304	9.66423
-111	25.0000	126.929	253.859	39.4130	12.0803
112	30.0000	138.031	276.062	47.2956	14.4964
13	40.0000	159.895	319.790	63.0608	19.3285
14	50.0000	181.473	362.946	78.8260	24.1606
15	60.0000	202.871	405.742	94.5912	28.9927
6 50					

PAGE 13

NPU	T PARAMETERS						
WA	10.00		FREQ	9.0000		CS	4947.00
TG	150.0 300.0		ZX TEMP	20.000 60.000		GAMMAO GAMMA1	-0.333300
	RANGE	нѕс	——н	SCSUM	нѕѕс	нк	sc
0	1.00000	62.8885		125.777	1.57652	О	.483212
1-	1.50000	65.7765		131.553	2.36478	О	.724818
2-	2.00000	68.1346		136.269	3.15304	0	.966423
3-	3.00000	72.0719		144.144	4.72956	1	.44964
4 —	4.00000	75.4602		150.920	6.30608	1	.93285
5	5.00000	78.5442		157.088	7.88260	2	.41606
6	6.00000	81.4353		162.871	9.45912	2	.89927
7	8.00000	86.8556		173.711	12.6122	3	.86>69
8	10.0000	91.9752		183.950	15.7652	4	.83212
9	15.0000	104.076		208.153	23.6478	7	.24818
0	20.0000	115.647		231.293	31.5304	9	.66423
1	25.0000	126.929		253.859	39.4130	1	2.0803
2	30,0000	138.031		276.062	47.2956	1	4.4964
3	40.0000	159.895		319.790	63.0608	1	9.3285
4	50.0000	181.473		362.946	78.8260	2	4.1606
5	60.0000	202.871		405.742	94.5912	2	8.9927
AGE	14						

IN	D	IIT	n		C) A	M	C .	Tr	D	•
	1	uı		A 1	T A	М	-		м	

LWA ZTG	2.00		FREQ .	9.000		S SAMMAO	4947.00
# ZL	300.		TEMP	60.00		GAMMA1	-0.333300
T	1						
-1	RANGE	HSC	HSC	SUM	HSSC	HKSC	
1-0-	1.00000	65.8102	13	1.620	0.800575	0.4	183212
-1-1	1.50000	69.2287	13	8.457	1.20086	0.7	24818
- 2-	2.00000	72.0804	14	4.161	1.60115	0.9	066423
3	3.00000	76.8892	15	3.778	2.40173	1.4	14964
-1-4-	4.00000	80.9836	16	1.967	3.20230	1.9	3285
T 5	5.00000	84.6001	16	9.200	4.00288	2.4	11606
6	6.00000	87.8524	17	5.705	4.80345	2.8	39927
-1-7-	8.00000	93.5265	18	7.053	6.40460	3.8	36569
- 8 	10.0000	98.3906	19	6.781	8.00575	4.8	33212
9	15.0000	108.493	21	6.987	12.0086	7.2	24818
10	20.0000	117.126	23	4.251	16.0115	9.6	56423
11	25.0000	125.084	25	0.169	20.0144	12.	.0803
12-	30.0000	132.679	26	5.358	24.0173	14.	4964
13	40.0000	147.272	29	4.545	32.0230	19.	.3285
14	50.0000	161.424	32	2.848	40.0288	24.	1606
11 15	60.0000	175.324	35	0.648	48.0345	. 28	.9927
PAGE	E 16						

LWA	3.00	000	FREQ	9.000	00	CS	4947.00
₹TG £L	300. 300.		ZX TEMP	20.00 60.00		GAMMAO GAMMA1	0.018000
	RANGE	нес	н	SCSUM	HSSC	н	(sc
-0-	1.00000	65.9367		131.873	0.92709	0 (0.483212
1	1,50000	69.4184		138.837	1.39064		724818
2	2.00000	72.3334		144.667	1.85418		0.966423
3	3.00000	77.2687		154.537	2.78127		1.44964
4	4.00000	81.4897		162.979	3.70836		.93285
5	5.00000	85.2327		170.465	4.63545		2.41606
6	6.00000	88.6115		177.223	5.56254		2.89927
7	8.00000	94.5386		189.077	7.41672		3.86569
- 8	10.0000	99.6558		199.312	9.27090		4.83212
9	15.0000	110.391		220.782	13.9064		7.24818
10	20.0000	119.656		239.312	18.5418	(9.66423
11	25.0000	128.247		256.494	23.1773		12.0003
12	30.0000	136.474		272.949	27.8127		14.4964
13	40.0000	152.333		304.666	37.0836		19.3285
14	50.0000	167.750		335.500	46.3545		24.1606
15	60.0000	182.915		365.830	55.6254		28.9927

.

-

INPL	T PARAMETER	S					
LWA ZTG	4.00		FREQ	9.000		CS	4947.00
ŽL	300.		ZX TEMP	60.00		GAMMAN GAMMA1	-0.333300
	RANGE	HSC	HS	CSUM	HSSC	нкѕ	c
-0-	1.00000	66.3982	1	32.796	1.38859	0.	483212
-1	1.50000	70.1107	1	40.221	2.08289	0.	724818
2	2.00000	73.2564	1	46.513	2.77719	0.	966423
-3	3.00000	78.6532	1	57.306	4.16578	1.	44964
-4	4.00000	g3.3357	1	66.671	5.55438	1.	93285
5	5.00000	87.5402	1	75.080	6.94297	2.	41606
-6-	6.00000	91.3805	·1	82.761	8.33157	2.	89927
7	8.00000	98.2307	1	96.461	11.1088	3.	86569
8	10.0000	104.271	2	08.542	13.8859	4 .	83212
9	15.0000	117.314	2	34.627	20.8289	7.	24818
10	20.0000	128.886	2	57.772	27.7719	9.	66423
11	25.0000	139.785		79.570	34.7149	12	2.0803
12	30.0000	150.319	3	00.639	41.6578	14	.4964
13	40.0000	170.793	3	41.586	55.5438	19	.3285
14	50.0000	190.825	3	81.650	69.4297		.1006
15	60.0000	210.605	4	21.210	83.3157	28	3.9927
PAGI	18						

INPL	IT PARAMETERS	3					
LWA ZTG ZL	6.000 300.0 300.0	000	FREQ ZX TEMP	9.0000 20.000 60.000	00 (CS Gammao Gammai	4947.00 0.018000 -0.333300
	RANGE	HSC	нѕс	SUM	HSSC	нкѕс	
0	1.00000	66.5861	13	3.172	1.57652	0.4	3212
1	1.50000	70.3926	14	0.785	2.36478	0.7	24818
-2	2.00000	73.6322	14	7.264	3.15304	0.9	56423
-3	3.00000	79.2170	15	8.434	4.72956	1.4	4964
4	4.00000	84.0874	16	8.175	6.30608	1.9	3285
5	5.00000	88.4798	17	6.960	7.88260	2.4	1606
6	6.00000	92.5081	18	5.016	9.45912	2.8	9927
7	8.00000	99.7341	19	9.468	12.6122	3.8	6569
8	10.0000	106.150	21	2.300	15.7652	4.8	3212
9	15.0000	120.133	2.4	0.265	23.6478	7.2	4818
10	20.0000	132.645	26	5.289	31.5304	9.6	6423
11	25.0000	144.483	28	8.966	39.4130	12.	0803
12	30.0000	155.957	31	1.914	47.2956	14.	4964
13	40.0000	178.310	35	6.620	63.0608	19.	3285
14	50.0000	200.221	40	0.442	78.8260	24.	1606
PAGE	19						•
					,		

INPL	JT PARAMETERS						
LWA	8.0000		FREQ ZX	9.00000		SAMMAO	4947.00
žL	300.00		TEMP	60.0000			0.333300
	RANGE .	нас		HSCSUM	HSSC	нкас	
0	1.00000	66.5861		133.172	1.57652	0.48	3212
1	1.50000	70.3926		140.785	2.36478	0.72	4818
-2-	2.00000	73.6322		147.264	3.15304	0.96	6423
-3-	3.00000	79.2170		158.434	4.72956	1.44	964
4	4.00000	84.0874		168.175	6.30608	1.93	285
-5	5.00000	88.4798		176.960	7.88260	2.41	606
-6	6.00000	92.5081		185.016	9.45912	2.89	927
-7-	8.00000	99.7341		199.468	12.6122	3.86	569
8	10.0000	106.150		212.300	15.7652	4.83	212
9	15.0000	120.133		240.265	23.6478	7.24	818
10	20.0000	132.645		265.289	31.5304	9.66	423
11	25.0000	144.483		288.966	39.4130	12.0	803
12	30.0000	155.957		311.914	47.2956	14.4	964
13	40.0000	178.310		356.620	63.0608	19.3	285
14	50.0000	200.221		400.442	78.8260	24.1	606
PAGI	E 20						•

INPUT PARAMETERS					<u> </u>		
LWA	10.0		FREO	9.00000	CS		4947.00
ŽL			ZX TEMP	20.0000 60.0000		GAMMAO GAMMA1	0.018000 -0.333300
	RANGE	HSC		HSCSUM	HSSC	Н	csc
0	1.00000	66.5861		133.172	1.57652		.483212
1	1.50000	70.3926		140.785	2.36478		724818
2	2.00000	73.6322		147.264	3.15304		0.966423
-3	3.00000	79.2170		158.434	4.72956		1.44964
-4	4.00000	84.0874	-	168.175	6.30608		.93285
5	5.00000	88.4798		176.960	7.88260		2.41606
-6	6.00000	92.5081		185.016	9.45912		2.89927
7	8.00000	99.7341		199.468	12.6122		3.86569
8	10.0000	106.150		212.300	15.7652		1.83212
9	15.0000	120.133		240.265	23.6478		7.24818
10	20.0000	132.645		265.289	31.5304		.66423
11	25.0000	144.483		288.966	39.4130		12.0003
12	30.0000	155.957		311.914	47.2956		14.4964
13	40.0000	178.310		356.620	63.0608		19.3285
14	50.0000	200.221		400.442	78.8260		24.1606
PAGE	21						

Tonas of

141.0	T PARAMETER	5				
LWA	2.00				CS 4947	
₹TG ₹L	400. 300.				GAMMAO 0.01 GAMMA1 -0.33	3300
	RANGE	HSC	HSCSUM	HSSC	нкѕс	
0	1.00000	72.6045	145.209	0.80057	0.483212	!
1	1.50000	76.1689	152.338	1.20086	0.724818	
2	2.00000	79.1558	158.312	1.60115	0.966423	
3	3.00000	84.2279	168.456	2.40173	1.44964	
4	4.00000	88.5906	177.181	3.20230	1.93285	-
5	5.00000	92.4821	184.964	4.00288	2.41606	
-6	6.00000	96.0090	192.018	4.80345	2.89927	
7	8.00000	102.203	204.406	6.40460	3.86569	
8	10.0000	107.511	215.022	8.00575		
9	15.0000	118.355		12.0086	7.24818	
10	20.0000	127.380		10.0115		
11	25.0000	135.564		20.0144		
12	30.0000	143.300		24.0173	14.4964	
13	40.0000	158.058	316.116	32.0230	19.3285	
14	50.0000	172.300	344.599	40.0288		
15	60.0000	186.256	372.511	48.0345	28,9927	
PAGE	23					

•

INPUT	PARAMETERS	3			
LWA ZTG ZL	3.000 400.0 300.0	700 2)	PEQ 9.000 20.00 MP 60.00	OO GAMMAO	4947.00 0.01800U -0.333300
R	ANGE	HSC	HSCSUM	HSSC	IKSC
-0	1.00000	72.7310	145.462	0.927090	0.485212
1	1.50000	76.3587	152.717	1.39064	0.724818
-2	2.00000	79.4088	158.818	1.85418	0.966423
3	3.00000	84.6075	169.215	2.78127	1.44964
4	4.00000	89.0966	178.193	3.70836	1.93285
5	5.00000	93,1147	186.229	4.63545	2.41606
6	6.00000	96.7681	193.536	5.56254	2.89927
7	8.00000	103.215	206.430	7.41672	3.86569
8	10.0000	108.776	217.552	9.27090	4.83212
9	15.0000	120.253	240.506	13.9064	7.24818
10	20.0000	129.911	259.821	18.5418	9.66423
11	25.0000	138.727	277.454	23.1773	12.0803
12	30.0000	147.096	294.192	27.8127	14.4964
13	40.0000	163.118	326.237	37.0836	19.3285
14	50.0000	178.625	357.251	46.3545	24.1606
15	60.0000	193.847	387.693	55.6254	28.9927
PAGE	24				

INPU	T PARAMETER	S					
LWA	4.00		FREQ	9.000		CS	4947.00
ZTG ZL	400. 300.		7X TEMP	20.00 60.00		GAMMAO GAMMA1	0.018000
	RANGE	HSC		HSCSUM	нѕъс	нк	sc
0	1.00000	73.1925		146.385	1.38859	0	483212
1	1.50000	77.0509		154.102	2.08289	0.	724818
-2	2.00000	80.3318		160.664	2.77719	0.	966423
-3	3.00000	85.9920		171.984	4.16578	1	44964
4	4.00000	90,9426		181.885	5.55438	1	93285
5	5.00000	95.4222		190.844	6.94297	2 .	41606
6	6.00000	99.5371	···	199.074	8.33157	2	89927
7	8.00000	106.907		213.814	11.1088	3.	86569
8	10.0000	113.391		226.782	13.8859	4.	83212
9-	15.0000	127.175		254.351	20.8289	7.	24818
10	20.0000	139.141		278.281	27.7719	9.	66423
11	25.0000	150.265		300.529	34.7149	17	2.0803
12	30.0000	160.941		321.882	41.6578	1	1.4964
13	40.0000	181.579		363.157	55.5438	19	.3285
14	50.0000	201.701	•	403.401	69.4297	24	1.1606
PAGE	25						

INPUT	PARAMETER	S					
LWA ZTG ZL	6.000 400.0 300.0	000	FREQ ZX TEMP	9.00000 20.0000 60.0000	0	SAMMAO SAMMA1	4947.00 0.0180000 -0.333300
R	ANGE	HSC	HSCS	UM	HSSC	HKSC	
	1.00000	73.3804		.761	1.57652		83212
_1	1.50000	77.3328	154	.666	2.36478	0.7	24818
2	2.00000	80.7076	161	.415	3.15304	0.9	60423
-3	3.00000	86.5557	173	.111	4.72956	1.4	4964
-4	4.00000	91.6943	183	.389	6.30608	1.9	3285
-5	5.00000	96.3618	192	.724	7.88260	2.4	1606
-6	6.00000	100.665	201	.329	9.45912	2.8	9921
7	8.00000	108.410	216	.821	12.6122	3.8	6569
-8	10.0000	115.270	230	.541	15.7652	4.8	3212
9	15.0000	129.994	259	.989	23.6478	7.2	4818
10	20.0000	142.899	285	.798	31.5304	9.6	6423
11	25.0000	154.963	309	.926	39.4130	12.	0803
12	30.0000	166.579	333	.157	47.2956	14.	4964
13	40.0000	189.096	378	•191	63.0608	19.	3285
14	50.0000	211.097	422	.194	78.8260	24.	1606
PAGE	26						

LWA ZTG	8.00 400.		FREQ	9.000		4947.00 1MA0 0.01800
ŽL.	300.		TEMP	60.00		1MA1 -0.33330
	RANGE	HSC	HS	CSUM	нѕѕс	нкѕс
0	1.00000	73.3804		46.761	1.57652	0.483212
1	1.50000	77.3328	15	54.666	2.36478	0.724818
2	2.00000	80.7076	10	61.415	3.15304	0.966423
3	3.00000	86.5557	17	73.111	4.72956	1.44964
4	4,00000	91.6943	10	83.389	6.30608	1.93285
5	5.00000	96.3618	19	92.724	7.88260	2.41606
6	6,00000	100.665	20	01.329	9.45912	2.89927
7	8,00000	108.410	2:	16.821	12.6122	3.86569
8	10.0000	115.270	2:	30.541	15.7652	4.83212
-9-	15.0000	129.994	2	59.989	23.6478	7.24818
10	20.0000	142.899	21	85.798	31.5304	9.66423
11	25.0000	154.963	30	09.926	39.4130	12.0803
12	30.0000	166.579	3:	33.157	47.2956	14.4964
13	40.0000	189.096		78.191	63.0608	19.3285
14	50.0000	211.097	4:	22.194	78.8260	24.1606
PAGE	27					

10.0000 400.000 300.000 HSC 000 73.38 000 77.33 000 80.70 000 86.55 000 91.69 000 90.36 000 100.6	04 28 76 57 43 18 65	9.0000 20.000 60.000 HSCSUM 146.761 154.666 161.415 173.111 183.389 192.724 201.329 216.821	O GAMM	
300.000 HSC 000 73.38 000 80.70 000 86.55 000 91.69 000 90.36 000 100.6	TEMP 04 28 76 57 43 18 65	60.000 HSCSUM 146.761 154.666 161.415 173.111 183.389 192.724 201.329	HSSC 1.57652 2.36478 3.15304 4.72956 6.30608 7.88260	A1 -0.333300 HKSC . 0.485212 0.724818 0.966423 1.44964 1.93285
75.38 77.33 77.33 700 80.70 700 86.55 700 91.69 700 96.36 700 100.6	04 28 76 57 43 18 65	146.761 154.666 161.415 173.111 183.389 192.724 201.329	1.57652 2.36478 3.15304 4.72956 6.30608 7.88260	0.485212 0.724818 0.966425 1.44964 1.93285
77.33 900 80.70 900 86.55 900 91.69 900 96.36 900 100.6	28 76 57 43 18 65	154.666 161.415 173.111 183.389 192.724 201.329	2.36478 3.15304 4.72956 6.30608 7.88260	0.724818 0.966423 1.44964 1.93285
80.70 900 86.55 900 91.69 900 96.36 900 100.6	76 57 43 18 65	161.415 173.111 183.389 192.724 201.329	3.15304 4.72956 6.30608 7.88260	0.966423 1.44964 1.93285
91.69 900 91.69 900 96.36 900 100.6	57 43 18 65	173.111 183.389 192.724 201.329	4.72956 6.30608 7.88260	1.44964
91.69 900 96.36 900 100.6	43 18 65	183.389 192.724 201.329	6.30608 7.88260	1.93285
96.36 000 100.6 000 108.4	18 65 10	192.724	7.88260	
000 100.6 000 108.4	65 10	201.329		2.41606
108.4	10		9.45912	
		216.821		2.89927
115.2			12.6122	3.86569
	70	230.541	15.7652	4.83212
129.9	94	259.989	23.6478	7.24818
142.8	99	285.798	31.5304	9.66423
154.9	63	309.926	39.4130	12.0803
166.5	79	333.157	47.2956	14.4964
	96	378.191	63.0608	19.3285
211.0	97	422.194	78.8260	24.1606
				•
	000 166.5	000 166.579 000 189.096	000 166.579 333.157 000 189.096 378.191	000 166.579 333.157 47.2956 000 189.096 378.191 63.0608

G	0 7 0 8 0 8 0 8	30.2258 30.2258 30.2258 39.7530 33.6873		147.1 154.4 160.4 170.6 179.5 187.3	31 18 52 93	HSSC 0.7884 1.1826 1.5769 2.3653 3.1538 3.9422	52 8 0 6	0.46 0.72 0.96 1.44	
RANGE 1.0000 1.5000 2.0000 3.0000 4.0000 5.0000 6.0000	300.000 HS 0 7 0 8 0 8 0 8 0 9	7.2090 30.2258 35.3464 39.7530 33.6873	TEMP	147.1 154.4 160.4 170.6 179.5	31 18 52 93	0.7884 1.1826 1.5769 2.3653 3.1538	GAMMA1 52 8 0 6	0.46 0.72 0.96 1.44	-0.333300 33212 24818 56423
1.0000 1.5000 2.0000 3.0000 4.0000 5.0000 6.0000	0 7 0 8 0 8 0 8 0 9	7.2090 30.2258 35.3464 39.7530 33.6873		147.1 154.4 160.4 170.6 179.5	31 18 52 93	0.7884 1.1826 1.5769 2.3653 3.1538	52 8 0 6	0.46 0.72 0.96 1.44	24818 66423 1964
1.5000 2.0000 3.0000 4.0000 5.0000 6.0000	0 7 0 8 0 8 0 8	77.2090 30.2258 35.3464 39.7530 33.6873		154.4 160.4 170.6 179.5	18 52 93	1.1826 1.5769 2.3653 3.1538	8 0 6	0.72 0.96 1.44 1.93	24818 66423 1964
2,0000 3.0000 4.0000 5.0000 6.0000	0 8 0 8 0 9	30.2258 35.3464 39.7530 33.6873		160.4 170.6 179.5 187.3	93 06	1.5769 2.3653 3.1538	0 6 1	1.44	1964
3.0000 4.0000 5.0000 6.0000	0 8 0 9 0 9	9.7530 9.7530		170.6 179.5	93	2.3653	6	1.44	1964
4.0000 5.0000 6.0000	0 8	9.7530 9.6873		179.5	06	3.1538	1	1.93	
5.0000 6.0000 8.0000	0 9	3.6873		187.3					1285
8.0000	0 9				75	3.9422		2.41	
8.0000		7.2559		104.5			О	, 1	606
	0 1			174.7	12	4.7307	1	2.89	927 .
10.000		03.524		207.0	48	6.3076	2	3.86	569
	0 1	08.888		217.7	76	7.8845	2	4.83	212
15.000	0 1	19.791		239.5	83	11.826	8	7.24	818
20.000	0 1	28.807		257.6	14	15.769	0	9.66	423
25,000	0 1	36.954		273.9	08	19.711	3	12.0	1803
30.000	0 1	44.642		289.2	85	23.653	6	14.4	964
40.000	0 1	59.291		318.5	82	31.538	1	19.3	285
50.000	0 1	73.417		346.8	34	39.422	6	24.1	,006
60.000	0 1	87.254		374.5	09	47.307	1	26,9	927 .
	30.000 40.000 50.000	30.0000 1 40.0000 1 50.0000 1	30.0000 144.642 40.0000 159.291 50.0000 173.417	30.0000 144.642 40.0000 159.291 50.0000 173.417	30.0000 144.642 289.2 40.0000 159.291 318.5 50.0000 173.417 346.8	30.0000 144.642 289.285 40.0000 159.291 318.582 50.0000 173.417 346.834	30.0000 144.642 289.285 23.653 40.0000 159.291 318.582 31.538 50.0000 173.417 346.834 39.422	30.0000 144.642 289.285 23.6536 40.0000 159.291 318.582 31.5381 50.0000 173.417 346.834 39.4226	30.0000 144.642 289.285 23.6536 14.4 40.0000 159.291 318.582 31.5381 19.3 50.0000 173.417 346.834 39.4226 24.1

LWA	2.000	000	FREQ	9.000	00	CS	4947.00
ZTG ZL	520.	000	5X	20.00	00	GAMMAO	0.018000
ZL	300.0	Juo	TEMP	60.00	00	GAMMA1	-0.333300
	RANGE	HSC	нѕ	CSUM	HSSC	нк	sc
-0	1.00000	75.5776	1	47.155	0.80057	50	.483212
1-	1.50000	77.2271	1	54.454	1.20086	0	.724818
2	2.00000	80.2501	1	60.500	1.60115	0	.966423
3	3.00000	85.3828	1	70.766	2.40173	1	.44964
4	4.00000	89.8015	1	79.603	3.20230	1	.93285
5	5.00000	93.7479	1	87.496	4.00288	2	.41006
6	6.00000	97.3286	1	94.657	4.80345	2	.89927 .
7	8.00000	103.621	2	07.242	6.40460	3	.86569
8	10.0000	109.009	2	18.019	8.00575	4	.83212
9	15.0000	119.973	2	39.947	12.0086	7	.24818
10	20.0000	129.049	2	58.099	16.0115	9	.66423
11	25.0000	137.257	2	74.514	20.0144	1	2.0803
12	30.0000	145.006	2	90.012	24.0173	. 1	4.4964
13	40.0000	159.776		19.552	32.0230	1	9.3285
14	50.0000	174.023	3	48.046	40.0288		4.1606
15	60.0000	187.982	3	75.964	48.0345	2	8.9927

PAIDLET	A	METERS
INPILL	PAHA	MLILKE

LWA	3.00000	FREQ	9.00000	CS	4947.00
ZTG	520.000	ξX	20.0000	GAMMAO	0.0180000
žL.	300.000	TEMP	60.0000	GAMMA1	-0.333300

	RANGE	HSC	HSCSUM	HSSC	нкѕс
0	1.00000	73.7041	147.408	0.927090	0.483212
	1.50000	77.4169	154.834	1.39064	0.724818
	2.00000	80.5031	161.006	1.85418	0.966423
-3	3.00000	85.7623	171.525	2.78127	1.44964
4	4.00000	90.3075	180.615	3.70836	1.93285
5	5.00000	94.3805	188.761	4.63545	2.41006
6	6.00000	98.0877	196,175	5.56254	2.89927
7	8.00000	104.633	209.266	7.41672	3.86569
8	10.0000	110.274	220.549	9.27090	4.83212
9	15.0000	121.871	243.742	13.9064	7.24818
10	20.0000	131.580	263.159	18.5418	9.66423
11	25.0000	140.420	280.840	23.1773	12.0803
12	30.0000	148.802	297.603	27.8127	14.4964
13	40.0000	164.836	329.673	37.0836	19.3285
14	50.0000	180.349	360.698	46.3545	24.1606
15	60.0000	195.573	391.145	55.6254	28.992/

INPU	T PARAMETER	S				
LWA ZTG	4.00		FREQ	9.00000		4947.00
ŽL	520. 300.		ZX TEMP	20.0000 60.0000		
	RANGE	HSC	— н	SCSUM	HSSC	HKSC
0	1.00000	74.1656		148.331	1.38859	0.483212
1	1.50000	78.1092		156.218	2.08289	0.724818
2	2.00000	81,4261		162.852	2.77719	0.966423
3	3.00000	87.1468		174.294	4.16578	1.44964
	4.00000	92.1535		184.307	5.55438	1.93285
5	5.00000	96.6880		193.376	6.94297	2.41606
	6.00000	100.857		201.713	8.33157	2.89927
7	8.00000	108.325		216.650	11.1088	3.86>69
	10.0000	114.890		229.779	13.8859	4.83212
9	15.0000	128.794		257.587	20.8289	7.24818
10	20.0000	140.810		281.620	27.7719	9.66423
11	25.0000	151.958		303.915	34.7149	12.0803
12	30.0000	162.647		325.293	41.6578	14.4964
13	40.0000	183.297		366.593	55.5438	19.3285
14	50.0000	203.424		406.848	69.4297	24.1606
PAGE	32		and the second second second second second			

. .

	T PARAMETERS	S				
LWA ZTG	520.0		FREQ	9.000		4947.00 MMAO 0.018000
ŽL	300.0		TEMP	60.00		MMA1 -0.333300
	RANGE	нѕС	нѕ	CSUM	нѕѕс	HKSC
0	1.00000	74.3535	1	.48.707	1.57652	0.483212
1	1.50000	78.3911	1	.56.782	2.36478	0.724818
-2	2.00000	81,8019	1	.63,604	3.15304	0.966423
-3	3.00000	87.7106	1	.75.421	4.72956	1.44964
4	4.00000	92.9052	1	85.810	6.30608	1.93285
5	5.00000	97.6276	1	.95.255	7.88260	2.41606
6	6.00000	101.984		203.969	9.45912	2.89927
7	8.00000	109.828	2	219.657	12.6122	.3.86569
8	10.0000	116.769	2	233.538	15.7652	4.83212
9	15.0000	131.612	2	263.225	23.6478	7.24818
10	20.0000	144.568	2	289.137	31.5304	9.66423
11	25.0000	156.656	3	313.312	39.4130	12.0803
12	30.0000	168.284	3	36.569	47.2956	14.4964
13	40.0000	190.814	3	881.627	63.0608	19.3285
14	50.0000	212.820		25.640	78.8260	24.1606

- 2							
18	NP	IIT	DA	DA	ME	TERS	
- 9		01	F A	7	116	1 = 113	3

8.00000

ZTG		.000			MAO 0.0180000 MA1 -0.333300
_[RANGE	HSC	HSCSUM	HSSC	HKSC
	1.00000	74.3535	148.707	1.57652	0.483212
11	1.50000	78.3911	156.782	2.36478	0.724818
- 2	2.00000	81.8019	163.604	3.15304	0.966423
3	3.00000	87.7106	175.421	4.72956	1.44964
4	4.00000	92.9052	185.810	6.30608	1.93285
5	5.00000	97.6276	195.255	7.88260	2.41606
6	6.00000	101.984	203.969	9.45912	2.89927
7	8.00000	109.828	219.657	12.6122	3.86>69
8	10.0000	116.769	233.538	15.7652	4.83212
- 9	15.0000	131.612	263.225	23.6478	7.24818
10	20.0000	144.568	289.137	31.5304	9.66423
11	25.0000	156.656	313.312	39.4130	12.0803
12	30.0000	168.284	336.569	47.2956	14.4964
13	40.0000	190.814	381.627	63.0608	19.3285
14	50.0000	212.820	425.640	78.8260	24.1606

9.00000

CS

4947.00

FREQ

	T PARAMETER						
LWA ZTG ZL	10.0 520. 300.	000	FREQ ZX TEMP	9.0000 20.000 60.000	0	CS Gamman Gamma1	4947.00 0.0180000 -0.333300
	RANGE	нѕс		HSCSUM	HSSC	нк	sc
0	1.00000	74.3535		148.707	1.57652	0	.483212
1-	1.50000	78.3911		156.782	2.36478	0	.724818
2	2.00000	81.8019		163.604	3.15304	0	.966423
3	3.00000	87.7106		175.421	4.72956	1	.44964
4	4.00000	92.9052		185.810	6.30608	1	.93285
5	5.00000	97.6276		195.255	7.88260	2	.41606
6	6.00000	101.984		203.969	9.45912	2	.89927
7	8.00000	109.828		219.657	12.6122	3	.86569
8	10.0000	116.769		233.538	15.7652	4	.83212
9	15.0000	131.612		263.225	23.6478	7	.24818
10	20.0000	144.568		289.137	31.5304	9	.66423
11	25.0000	156.656		313.312	39.4130	1	2.0803
12	30.0000	168.284		336.569	47.2956	1	4.4964
13	40.0000	190.814		381.627	63.0608	1	9.3285
14	50.0000	212.820		425.640	78.8260	2	4.1006
PAGE	35						

	-	-	The same of the sa						
	ZTG								
	*	11							
71 !		П							
S		LI							
	2	INPU	T PARAMETERS	S					
		LWA	1.000		FREQ	9.00000		CS	4947.00
	*	£TG -2L	35.00 500.0		₹X TEMP	20.0000		GAMMAO GAMMA1	-0.333300
71	\$		DANAT						
ZL 100	200	ш	RANGE	HSC	HSCS		HSSC		iksc
	8		1.00000	58.8638		.728	0.61062		0.485212
			1.50000	61.1716		.343	0.91593		0.724818
	*		2.00000	62.9679		.936	1.22124		0.966423
	.0		3.00000	65.8226		.645	1.83186		1.44964
75	1 2		4.00000	68.1659		.332	2.44248		1.93285
2			5.00000	70.2288		.458	3.05310		2.41606
	*		6.00000	72.1144		.229	3.66372		2.89927
	*		8.00000	75.5515		.103	4.88496		3.86569
	8	8	10.0000	78,7083		.417	6.10620		4.83212
	, 8	9	15.0000	85.9383	171	. 877	9.15931		7.24818
	2 8	10	20.0000	92.6569	185	.314	12.2124		9.66423
•	S S		25.0000	99.0951	198	.190	15.2655		12.0803
		1	30.0000	105.356	210	.712	18.3186)	14.4964
	43		40.0000	117.544	235	.088	24.4248		19.3285
	1 %		50.0000	129.451	258	.902	30.5310)	24.1606
1	2 8	15	60.0000	141.161	282	.363	36.6372		28.9927
1	21 300	PAGE	1						
	4								
	4	2	manufacture and the second	The second control of					
	1/		and the same of the case of the same of th		THE COURSE OF STREET OF STREET	and the same of th			
	1/	П				****			
1	2								

**							
NPU	T PARAM	ETERS					
LWA ETG		2.00000 35.0000 500.000	FREQ ZX TEMP	9.0000 20.000 60.000	0	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
_[]	RANGE	нѕС		HSCSUM	нѕѕс		HKSC
П 0	1.0000	58.8732		117.746	0.62000	9	0.483212
1	1.5000	0 61.1857		122.371	0.93001	4	0.724818
- 2	2.0000	62.9867		125.973	1.24002	?	0.966423
3-	3.0000	65.8508		131.702	1.86003	3	1.44964
4	4.0000	0 68.2034		136.407	2.48004	ţ	1.93285
5	5.0000	70.2757		140.551	3.10005	5	2.41606
-6-	6,0000	0 72.1708		144.342	3.72006	5	2.89927
7	8.0000	0 75.6266		151.253	4.96007		3.86569
8	10.000			157.604	6.20009)	4.83212
9	15.000			172.158	9.30014		7.24818
10	20.000			185.689	12.4002		9.66423
11	25.000			198.660	15.5002		12.0803
12	30.000			211.276	18.6003		14.4964
13	40.000			235.839	24.8004		19.3285
14	50.000			259.841	31.0005		24.1606
15	60.000	141.745		283.489	37.2006	5	28.9927
PAGE	2						

INPU	T PARAMETERS						
LWA ZTG ZL	3.000 35.00 500.0	00	FREQ ZX TEMP	9.000 20.00 60.00	00	S SAMMAO SAMMA1	4947.00 0.018000 -0.333300
	RANGE	HSC		HSCSUM	нѕѕс	HKSC	
-0	1.00000	58.9711		117.942	0.717989	0.4	83212
-1	1.50000	61.3326		122.665	1.07698	0.7	24818
-2	2.00000	63.1826		126.365	1.43598	0.9	66425
3	3,00000	66.1447		132.289	2.15397	1.4	4964
4-	4.00000	68.5953		137.191	2.87196	1.9	3285
5	5.00000	70.7656		141.531	3.58995	2.4	1606
6	6.00000	72.7586		145.517	4.30794	2.8	9927
7	8.00000	76.4104		152.821	5.74391	3.8	6569
8	10.0000	79.7819		159.564	7.17989	4.8	3212
9	15.0000	g7.5489		175.098	10.7698	7.2	4618
10	20.0000	94.8043		189.609	14.3598	9.6	6423
11	25.0000	101.779		203.559	17.9497	12.	0803
12	30.0000	108.577		217.154	21.5397	14.	4964
13	40.0000	121.839		243.677	28.7196	19.	3285
14	50.0000	134.820		269.639	35.8995	24.	1606
15	60.0000	147.624		295.247	43.0794	28.	9927
PAGE	3						

INDIII	PARAMETERS	
TIAL OIL	PARAMETERS	

LWA	4.00000	FREQ	9.00000	CS	4947.00
ZTG	35.0000	žΧ	20.0000	GAMMAO	0.0180000
ZL	500.000	TEMP	60.0000	GAMMA1	-0.333300

-11-	RANGE	HSC	HSCSUM	HSSC	нкѕс
10	1.00000	59.3285	118.657	1.07540	0.483212
1-1-	1.50000	61.8688	123.738	1.61310	0.724818
-5-	2.00000	63.8975	127.795	2.15081	0.966423
3	3.00000	67.2170	134.434	3.22621	1.44964
-1-4-	4.00000	70.0250	140.050	4.30161	1.93285
5	5.00000	72.5527	145.105	5.37702	2.41606
-6-	6.00000	74.9031	149.806	6.45242	2.89927
7	8.00000	79.2697	158.539	8.60323	3.86569
8	10.0000	83.3561	166.712	10.7540	4.83212
- 9-	15.0000	92.9101	185.820	16.1310	7.24818
_10	20.0000	101.953	203.905	21.5081	9.66423
11	25.0000	110.715	221.429	26.8851	12.0803
12	30.0000	119.300	238.599	32.2621	14.4964
13	40.0000	136.135	272.270	43.0161	19.3285
14	50.0000	152.690	305.381	53.7702	24.1606
15	60.0000	169.068	338.137	64.5242	28.9927

-WA	6.00	000 55	REQ 9.000	00 CS	4947.00
ETG-	35.0 500.	000 2		00 GAMMA	0.0180000
	RANGE	HSC	HSCSUM	HSSC	HKSC
0	1.00000	59.4741	118.948	1.22094	0.483212
1	1.50000	62.0871	124.174	1.83141	0.724818
2	2.00000	64.1885	128.377	2.44189	0.966423
3	3.00000	67.6536	135.307	3.66283	1.44964
4	4.00000	70.6071	141.214	4.88377	1.93285
5	5.00000	73.2804	146.561	6.10471	2.41606
6	6.00000	75.7764	151.553	7.32566	2.89927
7	8.00000	80.4341	160.868	9.76754	3.86569
8	10.0000	84.8115	169.623	12.2094	4.83212
9	15.0000	95.0932	190.186	18.3141	7.24818
0	20.0000	104.863	209.727	24.4189	9.66423
11	25.0000	114.353	228.706	30.5236	12.0803
12	30.0000	123.666	247.332	36.6283	14.4964
13	40.0000	141.957	283.913	48.8377	19.3285
14	50.0000	159.967	319.935	61.0471	24.1606
15	60.0000	177.801	355.601	73.2566	28.9927
PAGE	5				

INPU	T PARAMETER	IS					
LWA ZTG	8.00 35.0	000	FREQ ZX	9.000	100	CS GAMMAO	4947.00
žL	500.	000	TEMP	60.00	100	GAMMA1	-0.333300
	RANGE	нес	нѕ	SUM	HSSC	HKS	
0	1.00000	59.4741		8.948	1.22094	0.	83212
1-	1.50000	62.0871	12	4.174	1.83141	0.	724818
2	2.00000	64.1885	12	8.377	2.44189	0.9	966423
3	3.00000	67.6536	13	35.307	3.66283	1	44964
4	4.00000	70.6071	14	11.214	4.88377	1.9	3285
5	5.00000	73.2804	14	6.561	6.10471	2.	1606
-6	6.00000	75.7764	1	1.553	7.32566	2.0	39927
7	8.00000	80.4341	16	0.868	9.76754	3.1	36569
8	10.0000	84.8115	10	69.623	12.2094	4.1	33212
9	15.0000	95.0932	19	0.186	18-3141	7.:	24818
10	20.0000	104.863	20	9.727	24.4189	9.0	66423
11	25.0000	114.353	22	8.706	30.5236	12	.0803
12	30.0000	123.666	24	7.332	36.6283	14	.4964
13	40.0000	141.957	28	33.913	48.8377		.3285
14	50.0000	159.967		19.935	61.0471		.1606
15	60.0000	177.801	3:	55.601	73.2566	28	9927
PAGE	6						

.

INPU	T PARAMETER	S					
LWA ZTG	10.0		FREQ	9.0000		CS	4947.00
ŽL	35.0 500.		ZX TEMP	60.000		GAMMAO GAMMA1	-0.333300
	RANGE	HSC	нѕс	SUM	HSSC	нк	c
-0	1.00000	59.4741	11	8.948	1.22094	0.	485212
1	1.50000	62.0871	12	4.174	1.83141	······································	724818
2	2.00000	64.1885	12	8.377	2.44189	· · · · · · · · · · · · · · · · · · ·	966423
-3	3.00000	67.6536	13	5.307	3.66283		44964
4	4.00000	70.6071	14	1.214	4.88377	1.	93285
5	5.00000	73.2804	14	6.561	6.10471	2	41606
-6	6.00000	75.7764	15	1.553	7.32566	2	89927
7	8.00000	80.4341	16	0.868	9.76754	3.	86569
8	10.0000	84.8115	16	9.623	12.2094	4.	83212
9	15.0000	95.0932	19	0.186	18.3141	7.	24818
10	20.0000	104.863	20	9.727	24.4189	9.	66423
11	25.0000	114.353	22	8.706	30.5236	12	2.0803
12	30.0000	123.666	24	7.332	36.6283	14	.4964
13	40.0000	141.957	28	3.913	48.8377	19	.3285
14	50.0000	159.967	31	9.935	61.0471	24	.1606
15	60.0000	177.801	35	5.601	73.2566	28	.9927
0405							
PAGE	7						

INPL	T PARAMETER	is .					
LWA	2.00		FREG	9.00000		CS	4947.00
ZTG ZL	250. 500.		ZX TEMP	20.0000		GAMMAO GAMMA1	-0.333300
	RANGE	HSC	HS	SCSUM	HSSC		HKSC
0	1.00000	65.3553		30.711	0.62000	9	0.483212
-1	1.50000	67.7741		135.548	0.93001	4	0.724818
2	2,00000	69.6645		39.329	1.24002		0.966423
3	3.00000	72.6682		45.336	1.86003	S	1.44964
-4	4.00000	75.1217		50.243	2.48004		1.93285
5	5.00000	77.2682		154.536	3.10005	· · · · · · · · · · · · · · · · · · ·	2.41606
-6	6.00000	79.2187		158.437	3.72006)	2.89927
7	8.00000	82.7497		65.499	4.96007		3.86569
8	10.0000	85.9723		71.945	6.20009)	4.83212
9	15.0000	93.3127		86.625	9.30014		7.24818
10	20.0000	100.111		200.221	12.4002		9.66423
11	25.0000	106.617		213.233	15.5002		12.0803
12	30,0000	112.940		225.879	18.6003		14.4964
13	40.0000	125.243		250.486	24.8004		19.3285
14		137.261		274.521	31.0009		24.1606
15		149.098		298.195	37.2006		28.9927
PAGE	9						

.

LWA	3.000	00	FREQ	9.0000	00	CS	4947.00
ZTG ZL	250.0 500.0		ZX TEMP	20.000 60.000		GAMMAO GAMMA1	0.0180000
	RANGE	нус	нѕс	SUM	HSSC	нк	sc
0	1.00000	65.4533	13	30.907	0.71798	9 0	.483212
1	1.50000	67.9210	13	35.842	1.07698	0	.724818
2	2.00000	69.8605	13	39.721	1.43598	0	.966423
-3	3.00000	72.9621	14	15.924	2.15397	1	.44964
4	4.00000	75.5136	15	51.027	2.87196	1	.93285
5	5.00000	77.7581	15	55.516	3.58995	5	.41606
-6	6.00000	79.8065	15	9.613	4.30794	2	.89927
7-	8.00000	83.5335	16	57.067	5.74391	3	.86569
8	10.0000	86.9521	17	73.904	7.17989	4	.83212
- 9-	15.0000	94.7824	18	39.565	10.7698	7	.24818
10	20.0000	102.070	20	04.140	14.3598	9	.66423
11	25.0000	109.066	21	18.132	17.9497	1	2.0803
12	30.0000	115.879	23	31.758	21.5397	1	4.4964
13	40.0000	129.162	25	58.324	28.7196	1	9.3285
14	50.0000	142.160	26	34.319	35.8995	2	4.1606

INPU	T PARAMETERS	4					
LWA ZTG ZL	4.000 250.0 500.0	00	FREQ ZX TEMP	9.0000 20.000 60.000	0	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
	RANGE	HSC	HSCS	UM	HSSC	HKS	ic
0	1.00000	65.8107	131	.621	1.07540	0.	483212
1-	1,50000	68.4572		.914	1.61310		724818
-2	2.00000	70.5753	141	.151	2.15081	0.	966423
-3	3,00000	74.0344	148	.069	3.22621		44964
-4	4.00000	76.9433	153	,887	4.30161	1.	93285
5	5.00000	79.5451	159	.090	5.37702	2.	41606
-6	6.00000	81.9510	163	.902	6.45242	2.	89927
7	8.00000	86.3929	172	.786	8.60323	3.	86569
8	10.0000	90.5263	181	.053	10.7540	4.	83212
9	15.0000	100.144	200	.287	16.1310	7.	24818
10	20.0000	109.219	218	.437	21.5081	9.	66423
11	25.0000	118.001	236	.003	26.8851	12	.0803
12	30.0000	126.601	253	.203	32.2621	. 14	.4964
13	40.0000	143.459	286	.918	43.0161	19	.3285
14	50.0000	160.030	320	.060	53.7702	24	.1606
15	60.0000	176.421	352	.843	64.5242	28	.9927
		The state of the s					
PAGE	11						

.

7 4	011	T	n .	DA		T .	285
			- 4	N A	M		

* *					
LWA	6.00000	FREQ	9.00000	CS	4947.00
ZTG	250.000	ξX	20.0000	GAMMAO	0.0180000
ZL.	500.000	TEMP	60.0000	GAMMA1	-0.333300

	RANGE	нес	HSCSUM	HSSC	нкѕс
0	1.00000	65.9562	131.912	1.22094	0.483212
-1-1-	1.50000	68.6755	137.351	1.83141	0.724818
2	2.00000	70.8664	141.733	2.44189	0.966423
3	3.00000	74.4710	148.942	3.66283	1.44964
	4.00000	77.5254	155.051	4.88377	1.93285
5	5.00000	80.2728	160.546	6.10471	2.41606
- 6	6.00000	82.8243	165.649	7.32566	2.89927
7	8.00000	87.5572	175.114	9.76754	3.86569
- 8	10.0000	91.9817	183.963	12.2094	4.83212
- 9-	15.0000	102.327	204.653	18.3141	7.24818
10	20.0000	112.129	224.259	24.4189	9.66423
11	25.0000	121.640	243.280	30.5236	12.0803
12	30.0000	130.968	261.935	36.6263	14.4964
13	40,0000	149.280	298.561	48.8377	19.3285
14	50.0000	167.307	334.614	61.0471	24.1606
15	60.0000	185.154	370.307	73.2566	28.9927
Carried Commercial					

LWA	8.000	00 FREQ	9.000	oo cs	4947.00
ZTG-	250.0		20.00	OO GAMMA	0.0180000
ZL_	500.0	100 TEMP	60.00	DO GAMMA	-0.333300
	RANGE	HSC	HSCSUM	HSSC	нкос
-0-	1.00000	65.9562	131.912	1.22094	0.485212
1	1.50000	68.6755	137.351	1.83141	0.724818
-2	2.00000	70.8664	141.733	2.44189	0.966423
-3	3.00000	74.4710	148.942	3.66283	1.44964
4-	4.00000	77.5254	155.051	4.88377	1.93285
-5	5.00000	80.2728	160.546	6.10471	2.41606
-6	6.00000	82.8243	165.649	7.32566	2.89927
7	8.00000	87.5572	175.114	9.76754	3.86569
8	10.0000	91.9817	183.963	12.2094	4.83212
9	15.0000	102.327	204.653	18.3141	7.24818
10	20.0000	112.129	224.259	24.4189	9.66423
11	25.0000	121.640	243.280	30.5236	12.0803
12	30.0000	130.968	261.935	36.6283	14.4964
13	40.0000	149.280	298.561	48.8377	19.3285
14	50.0000	167.307	334.614	61.0471	24.1606
15	60.0000	185.154	370.307	73.2566	28.9927
PAGE	13				

THE RESERVE

は此ないなどのはも、対応を行わるがない。

INPUT	PARAME	TERS

No.					
LWA	10.0000	FREQ	9.00000	CS	4947.00
ZTG	250.000	ξX	20.0000	GAMMAO	0.0180000
2L	500.000	TEMP	60.0000	GAMMA1	-0.333300

	RANGE	HSC	HSCSUM	HSSC	нкэс
0	1.00000	65.9562	131.912	1.22094	0.483212
1	1.50000	68.6755	137.351	1.83141	0.724818
5	2.00000	70.8664	141.733	2.44189	0.966423
-3-	3.00000	74.4710	148.942	3.66283	1.44964
4	4.00000	77.5254	155.051	4.88377	1.93285
5-	5.00000	80.2728	160,546	6.10471	2.41606
6	6.00000	82.8243	165.649	7.32566	2.89927
7	8.00000	87.5572	175.114	9.76754	3.86569
8	10.0000	91.9817	183.963	12.2094	4.83212
9	15.0000	102.327	204.653	18.3141	7.24818
10	20.0000	112.129	224.259	24.4189	9.66423
11	25.0000	121.640	243.280	30.5236	12.0803
12	30.0000	130.968	261.935	36.6283	14.4964
13	40.0000	149.280	298.561	48.8377	19.3285
14	50.0000	167.307.	334.614	61.0471	24.1606
15	60.0000	185.154	370.307	73.2566	28.9927

INPU	T PARAMETER	S					
LWA	2.00		FREQ	9.000		cs	4947.00
ZTG ZL	500. 500.		ZX TEMP	20.00		GAMMAO GAMMA1	-0.333300
	RANGE	HSC	нѕ	CSUM	неес	нк	sc
0.	1.00000	65.6903	1	31.381	0.62000	9 0	.483212
1	1.50000	69.2168	1	38.434	0.93001	4 0	.724818
2	2.00000	72.0687	1	44.137	1.24002	0	.966423
3	3.00000	76.8399	1	53.680	1.86003	1	.44964
-4	4.00000	80.5519	1	61.104	2.48004	1	.93285
5	5.00000	83.8513	1	67.703	3.10005	2	.41606
6	6.00000	86.8442	· 1	73.688	3.72006	2	.89927
7	8.00000	92,1319	1	84.264	4.96007	3	.86569
8	10.0000	96.7135	1	93.427	6.20009	4	.83212
9	15.0000	106.195	2	12.390	9.30014	7	.24818
10	20.0000	114.130	2	28.260	12.4002	9	.66423
11	25.0000	121.326	2	42.653	15.5002	1	2.0803
12	30.0000	128.128	2	56.256	18.6003	1	4.4964
13	40.0000	141.099	2	82.198	24.8004	1	9.3285
14	50,0000	1 3.609	3	07.218	31.0005	2	4.1606
15	60.0000	165.857	3	31.715	37.2006	2	8.9927
PAGE	16						

1111 0	T PARAMETERS)			
LWA	3.000		EQ 9.00		4947.00
ZTG-	500.0 500.0		20.0 MP 60.0		
	RANGE	HSC	HSCSUM	HSSC	HKSC
0-	1.00000	65.7883	131.577	0.717989	0.483212
1-1-	1.50000	69.3638	138.728	1.07698	0.724818
2	2.00000	72.2646	144.529	1.43598	0.966423
-3-	3.00000	77.1338	154.268	2.15397	1.44964
-4-	4.00000	80.9438	161.888	2.87196	1.93285
5	5.00000	84.3412	168.682	3.58995	2.41606
-6-	6.00000	87.4320	174.864	4.30794	2.89927
7	8.00000	92.9157	185.831	5.74391	3.86569
8	10.0000	97.6933	195.387	7.17989	4.83212
-9-	15.0000	107.665	215.329	10.7698	7.24818
10	20.0000	116.090	232.179	14.3598	9.66423
11	25.0000	123.776	247.552	17.9497	12.0803
12	30.0000	131.067	262.135	21.5397	14.4964
13	40.0000	145.018	290.037	28.7196	19.3285
14	50.0000	158.508	317.016	35.8995	24.1606
15	60.0000	171.736	343.473	43.0794	28.9927
PAGE	17				

.

INPU	T PARAMETER	S			
LWA ZTG	4.00		FREQ 9.00 ZX 20.0		4947.00 0.018000
ŽL	500.		TEMP 60.0		
]	RANGE	HSC .	HSCSUM	HSSC	HKSC
0	1.00000	66.1457	132.291	1.07540	0.483212
1	1.50000	69.8999	139.800	1.61310	0.724818
2	2.00000	72.9794	145.959	2.15081	0.966423
3	3.00000	78.2061	156.412	3.22621	1.44964
4	4.00000	82.3735	164.747	4.30161	1.93285
5	5.00000	86.1283	172.257	5.37702	2.41606
6	6.00000	89.5765	179.153	6.45242	2.89927
7	8.00000	95.7750	191.550	8.60323	3.86569
8	10.0000	101.267	202.535	10.7540	4.83212
9	15,0000	113.026	226.052	16.1310	7.24818
10	20.0000	123.238	246.476	21.5081	9.66423
11	25,0000	132.711	265.423	26.8851	12.0803
12	30.0000	141.790	283.580	32.2621 .	14.4964
13	40,0000	159.315	318.630	43.0161	19.3285
14	50.0000	176.379	3,52.757	53.7702	24.1606
15 []	60.0000	193.181	386.362	64.5242	28.9927
PAGE	18				
П					

INPL	T PARAMETERS	S					
LWA ZTG ZL	6.000 500.0 500.0	000	FREQ ZX TEMP	9.00000 20.0000 60.0000		CS Gammao Gamma1	4947.00 0.0180000 -0.333300
	RANGE	HSC	HSCS	UM	HSSC	нкѕ	c
0	1.00000	66.2913	132	.583	1.22094		483212
-1	1.50000	70.1182		.236	1.83141		724818
-2-	2.00000	73.2705		.541	2.44189		966423
-3-	3.00000	78.6427		.285	3.66283		44964
-4	4.00000	82.9556		.911	4.88377		93285
-5-	5.00000	86.8560		.712	6.10471		41006
	6.00000	90.4498		.900	7.32566		89927
7	8.00000	96.9393		.879	9.76754		86569
8	10.0000	102.723		.446	12.2094		83212
	15.0000	115.209		.418	18.3141		24818
10-							
10	20.0000	126.149		.297	24.4189		66423
11	25.0000	136.350		.700	30.5236		.0803
12	30.0000	146.156		.312	36.6283		.4964
13	40.0000	165.136		.273	46.8377		.3285
14	50.0000	183.656		.311	61.0471		.1606
15	60.0000	201.913	403	.827	73.2566	28	.9927
PAGE	19						

LWA	8.00000 500.000		FREQ 9.00000 ZX 20.0000			SAMMAO	4947.00
ŽL	500.000		TEMP 60.0000		and the same of th	SAMMA1	0.018000 -0.333300
	RANGE	нес	HSCS	SUM	HSSC	нк	sc
0	1,00000	66,2913	132	2.583	1.22094	0	483212
1	1.50000	70.1182	140	.236	1.83141	0.	724818
2	2.00000	73.2705	146	5.541	2.44189	0	966423
-3	3.00000	78.6427	157	7.285	3.66283	1	44964
4	4.00000	82.9556	165	.911	4.88377	1.	93285
5	5.00000	86.8560	173	3.712	6.10471	2.	41606
6	6.00000	90.4498	180	900	7.32566	2	89927
7	8.00000	96.9393	193	3.679	9.76754	3	86569
-8	10.0000	102.723	205	5.446	12.2094	4	83212
9	15.0000	115.209	230	0.418	18.3141	7.	24818
10	20.0000	126.149	257	2.297	24.4189	9.	66423
11	25.0000	136.350	272	2.700	30.5236	12	2.0803
12	30.0000	146.155	292	2.312	36.6283	14	1.4964
13	40.0000	165.136	330	.273	48.8377	19	.3285
14	50.0000	183.656	36	7.311	61.0471	24	4.1606
15	60.0000	201.913	403	3.827	73.2566	28	3.9927

INPU	T PARAMETERS	S						
LWA	FTG 500.000		FREQ 9.00000 ZX 20.0000			CS	4947.00	
ZL ZL			7 EMP	60.00		GAMMA0 0.0180000 GAMMA1 -0.333300		
	RANGE	HSC	——н	SCSUM	HSSC	нк	sc	
0	1.00000	66.2913		132.583	1.22094		1.485212	
-1-	1.50000	70.1182		140.236	1.83141		724818	
2	2.00000	75.2705		146.541	2.44189	o	.966423	
3	3.00000	78.6427		157.285	3.66283	1	. 44964	
-4	4.00000	82.9556		165.911	4.88377		. 93285	
5	5.00000	86.8560		173.712	6.10471	2	2.41606	
6	6.00000	90.4498		180.900	7.32566	- 2	2.89927	
7	8.00000	96,9393		193.879	9.76754	3	.86569	
8	10.0000	102.723		205.446	12.2094	4	.83212	
9	15.0000	115.209		230.418	18.3141	7	.24818	
10	20.0000	126.149		252.297	24.4189	9	.66423	
11	25.0000	136.350		272.700	30.5236	1	2.0803	
12	30.0000	146.156		292.312	36.6283	1	4.4964	
13	40.0000	165.136		330.273	48.8377		9.3285	
14	50.0000	183.656	**************************************	367.311	61.0471	7	24.1606	
15	60.0000	201.913		403.827	73.2566		28.9927	
PAGE	21							

INPL	T PARAMETERS	3					
LWA	2.000		FREQ	9.0000		s	4947.00
ZTG ZL	600.0 500.0		TEMP	50.000		AMMAO AMMA1	-0.333300
	RANGE	HSC		HSCSUM	HSSC	нкас	,
-0-	1.00000	71.0172		142.034	0.620009	0.4	83212
1	1.50000	75.0590		150.118	0.930014	0.7	24818
-2-	2.00000	78.3460		156.692	1.24002	0.9	66423
-3-	3.00000	85,5968		167.194	1.86003	1.4	4964
-4 -	4.00000	87,8115		175.623	2.48004	1.9	3285
-5-	5.00000	91.5028		183.006	3.10005	2.4	1606
-6	6.00000	94.7167		189.433	3.72006	2.8	9927
7	8.00000	100.440		200.881	4.96007	3.8	6569
-8-	10.0000	105.424		210.848	6.20009	4.8	3212
-9-	15,0000	115.652		231.303	9.30014	7.2	4818
10	20.0000	124.001		248.003	12.4002	9.6	6423
11	25.0000	131.427		262.855	15.5002	12.	0803
12	30.0000	158.366		276.732	18.6003	14.	4964
13	40.0000	151.489		302.977	24.8004	19.	3285
14	50.0000	164.080		328.159	31.0005	24.	1606
15	60.0000	176.379		352.759	37.2006	28.	9927

LWA	3.00	000	FREQ	9.000	o cs	4947.00
ZTG	600.	000	₹X	20.000	O GAMM	0.018000
<u>ZL</u>	500.	000	TEMP	60.000	O GAMM	-0.333300
	RANGE	HSC		HSCSUM	нѕѕс	нкѕс
0	1.00000	71,1152		142.230	0.717989	0.483212
1-	1,50000	75.2059		150.412	1.07698	0.724818
-2	2.00000	78.5420		157.084	1.43598	0.966423
-3	3.00000	83,8908		167.782	2.15397	1.44964
4	4.00000	88.2034		176.407	2.87196	1.93285
5	5.00000	91.9927		183.985	3.58995	2.41606
6	6.00000	95,3045		190.609	4.30794	2.89927
7	8.00000	101.224		202.448	5.74391	3.86569
8	10.0000	106.404		212.808	7.17989	4.83212
9	15.0000	117.121	-	234.243	10.7698	7.24818
10	20.0000	125.961		251.922	14.3598	9.66423
11	25.0000	133.877		267.754	17.9497	12.0803
12	30.0000	141.305		282.611	21.5397	14.4964
13	40.0000	155.408		310.815	28.7196	19.3285
14	50.0000	168.979		337.957	35.8995	24.1606
15	60.0000	182.258		364.516	43.0794	28.9927

LWA	4.00		FREQ	9.000		CS	4947.00
ZTG" ZL	500.		TEMP	20.000		GAMMAO GAMMA1	-0.333300
	RANGE	HSC	нѕ	CSUM	HSSC	нк	sc
-0-	1.00000	71.4726	1	42,945	1.07540	0	.483212
-1	1.50000	75.7420	1	51.484	1.61310	0	.724818
2	2.00000	79.2568	1	58.514	2.15081	0	.966423
3	3.00000	84.9630	1	69.926	3.22621	1	.44964
4-	4.00000	89.6331	1	79.266	4.30161	1	.93285
5	5.00000	93.7798	1	87.560	5.37702	2	.41606
6-	6.00000	97.4490	1	94.898	6.45242	2	.89927
7	8.00000	104.084	2	08.167	8.60323	3	.86569
8	10,0000	109.978	2	19.956	10.7540	4	.83212
9	15.0000	122.482	2	44.965	16.1310	7	.24818
10	20.0000	133.109	2	66.219	21.5081	. 9	.66423
11	25.0000	142.812	2	85.624	26.8851	1	2.0803
12	30.0000	152.028	3	04.056	32.2621	1	4.4964
13	40.0000	169.704	3	39.409	43.0161	1	9.3285
14	50.0000	186.849	3	73.698	53.7702	2	4.1606

PAGE 25

LWA	6.00000	FREQ	9.00000	CS	4947.00
ZTG	600.000	ξX	20.0000	GAMMAO	0.0180000
žL	500.000	TEMP	60.0000	GAMMA1	-0.333300

	RANGE	HSC	HSCSUM	HSSC	HKSC
0	1.00000	71.6181	143.236	1.22094	0.483212
-1-1-	1,50000	75.9604	151.921	1.83141	0.724818
2	2.00000	79.5479	159.096	2.44189	0.966423
	3.00000	85.3996	170.799	3.66283	1.44964
	4.00000	90.2153	180.431	4.88377	1.93285
5	5.00000	94.5075	189.015	6.10471	2.41606
6-	6.00000	98.3223	196.645	7.32566	2.89927
7	8.00000	105.248	210.496	9.76754	3.86569
8	10.0000	111.433	222.867	12.2094	4.83212
9	15.0000	124.666	249.331	18.3141	7.24818
10	20.0000	136.020	272.040	24.4189	9.66423
11	25.0000	146.451	292.901	30.5236	12.0803
12	30.0000	1561394	312.788	36.6283	14.4964
13	40.0000	175.526	351.052	48.8377	19.3285
14	50.0000	194.126	388.252	61.0471	24.1606
15	60.0000	212.435	424.871	73.2566	28.9927
Second and second	A RESIDENCE OF STREET, SHOWING THE PARTY OF				

PAGE 26

INPU	T PARAMETER	S					
LWA ZTG ZL	8.00 600. 500.	000	FREQ ZX TEMP	9.000 20.00 60.00	00	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
*	RANGE	HSC	н:	SCSUM	нѕѕс	н	(SC
0-	1.00000	71.6181		143.236	1.2209		0.483212
-1-	1.50000	75.9604		151.921	1.8314		724818
2	2.00000	79.5479		159.096	2.4418	9 (0.966423
3	3,00000	85.3996		170.799	3.6628	3 1	.44964
-4	4.00000	90.2153		180.431	4.8837	7 1	1.93285
5	5.00000	94.5075		189.015	6.1047	1 7	2.41606
-6	6.00000	98.3223		196.645	7.3256	5 2	2.89927
7	8.00000	105.248		210.496	9.7675	4 3	5.86569
8	10.0000	111.433	-	222.867	12.209	4	1.83212
9	15.0000	124.666		249.331	18.314	1	7.24818
10	20.0000	136.020		272.040	24.418	9 9	.66423
11	25.0000	146.451		292.901	30.523	6	12.0803
12	30.0000	156.394		312.788	36.628	3 . 1	14.4964
13	40.0000	175.526	•	351.052	48.837	7 1	19.3285
14	50.0000	194.126		388.252	61.047	1 2	24.1606
15	60.0000	212.435		424.871	73.256	6 7	28.9927
PAGE	27						

INPL	JT PARAMETER	S					
LWA	10.0		FREQ	9.000		CS	4947.00
≱TG ≱L	600. 500.		TEMP	20.00 60.00		GAMMAO GAMMA1	0.0180000 -0.333300
	RANGE	HSC		ISCSUM	нѕѕс	н	KSC
0	1.00000	71.6181		143.236	1.2209	4	0.483212
1	1,50000	75.9604		151.921	1.8314	1	0.724818
2	2.00000	79.5479		159.096	2.4418	9	0.966423
-3-	3.00000	85.3996		170.799	3.6628	3	1.44964
4	4.00000	90.2153		180.431	4.8837	7	1.93285
5	5.00000	94.5075		189.015	6.1047	1	2.41606
6	6.00000	98.3223		196.645	7.3256	6	2.89927
7	8.00000	105.248		210.496	9.7675	4	3.86569
8	10.0000	111.433		222.867	12.209	4	4.83212
9	15.0000	124.666		249.331	18.314	1	7.24818
10	20.0000	136.020		272.040	24.418	9	9.66423
11	25.0000	146.451		292.901	30.523	6	12.0803
12	30.0000	156.394		312.788	36.628	3	14.4964
13	40.0000	175.526		351.052	. 48.837	7	19.3285
14	50.0000	194.126		388.252	61.047	1	24.1606
15	60.0000	212.435		424.871	73.256	6	28.9927

PAGE 28

LWA	2.00	000	FREQ	9.00000) (s	4947.00
ZTG	671.	000	ZX	20.0000) (OAMMAG	0.0180000
ŽL	500.	000	TEMP	60.0000)	SAMMA1	-0.333300
	RANGE	HSC		HSCSUM	HSSC	н	KSC
0	1.00000	71.4706		142.941	0.620009)	0.483212
1	1.50000	75.6085		151.217	0.930014		0.724818
5	2.00000	78.9833		157.967	1.24002		0.966423
3	3.00000	84.3660		168.732	1.86003		1.44964
4	4.00000	88.6584		177.317	2.48004		1.93285
5	5.00000	92.4098		184.820	3.10005		2.41606
6	6.00000	95.6476		191.295	3.72006		2.89927
7	8.00000	101.418	<u>-</u>	202.835	4.96007		3.86569
8	10.0000	106.443	~	212.886	6.20009		4.83212
9	15.0000	116.745		233.490	9.30014		7.24818
10	20.0000	125.132		250.263	12.4002		9.66423
11	25.0000	132.575		265.150	15.5002		12.0803
12	30.0000	139.523		279.046	18.6003		14.4964
13	40.0000	152.654		305.308	24.8004		19.3285
14	50.0000	165.249		330.497	31.0005		24.1606
15	60.0000	177.550		355.101	37.2006		28.9927

<u> </u>	•			•			
INPU	T PARAMETERS	S					
LWA £TG ZL	3.000 671.0 500.0	000	FREQ ZX TEMP	9.000 20.00 60.00	00 G,	AMMAO AMMA1	4947.00 0.018000 -0.333300
]	RANGE	HSC		HSCSUM	нѕѕс	нк	sc
0	1.00000	71.5686		143.137	0.717989	0	.483212
1 -	1.50000	75.7555		151.511	1.07698	0	.724818
-5	2.00000	79.1793		158.359	1.43598		.966423
3	3.00000	84.6600		169.320	2.15397	1	.44964
4	4.00000	89.0503		178.101	2.87196	1	.93285
5	5.00000	92.8997		185.799	3.58995	2	.41606
-6	6.00000	96.2355		192.471	4.30794	2	.89927
7	8.00000	102.202		204.403	5.74391	3	.86569
8	10.0000	107.423		214.846	7.17989	4	.83212
-9	15.0000	118.215		236.429	10.7698	7	.24818
10	20.0000	127.091		254.183	14.3598	9	.66423
11	25.0000	135.025		270.049	17.9497	1	2.0803
12	30.0000	142.462		284.925	21.5397	1	4.4964
13	40.0000	156.573		313.146	28.7196	1	9.3265
14	50.0000	170.148		340.295	35.8995	2	4.1606
15	60.0000	183.429		366.858	43.0794	2	8.9927
PAGE	31					,	

.

INPU	T PARAMETER	\$					
LWA	4.00		FREQ	9.000		CS	4947.00
ZTG ZL	671. 500.		ZX TEMP	20.000 60.000		GAMMAO GAMMA1	0.0180000 -0.333300
	RANGE	HSC		HSCSUM	HSSC	Н	KSC
0	1.00000	71.9260		143.852	1.07540		0.483212
1	1.50000	76.2916		152.583	1.61310		0.724818
5	2,00000	79.8941		159.788	2.15081		0.966423
-3	3.00000	85.7322		171.464	3.22621		1.44964
4-	4.00000	90.4800		180.960	4.30161		1.93285
5	5.00000	94.6867		189.373	5.37702		2.41606
6	6.00000	98.3800		196.760	6.45242		2.89927
7	8.00000	105.061		210.122	8.60323		3.86569
-8	10,0000	110.997		221.994	10.7540		4.83212
9	15.0000	123.576		247.151	16.1310		7.24818
10	20.0000	134.240		268.479	21.5081		9.66423
11	25.0000	143.960		287.920	26.8851		12.0803
12	30.0000	153.185		306.370	32.2621		14.4964
13	40.0000	170.870		341.739	43.0161		19.3285
14	50.0000	188.018		376.036	53.7702		24.1606
15	60.0000	204.874		409.748	64.5242		28.9927

.

NPU	T PARAMETERS	5			
.WA ETG EL	6.000 671.0 500.0	7X 000	20.0000	GAMMAO	4947.00 0.0180000 -0.333300
	BANGE	µ_0			
	RANGE	HSC	HSCSUM		HKSC
0	1,00000	72.0716	144.143	1.22094	0.483212
1	1.50000	76.5099	153.020	1.83141	0.724818
-2	2.00000	80.1852	160.370	2.44189	0.966423
-3	3.00000	86.1688	172.338	3.66283	1.44964
-4	4.00000	91.0621	182.124	4.88377	1.93285
5-	5.00000	95.4144	190.829	6.10471	2.41606
6	6.00000	99.2532	198.506	7.32566	2.89927
7	8.00000	106.225	212.450	9.76754	3.86569
8	10.0000	112.453	224.905	12.2094	4.83212
9	15.0000	125.759	251.518	18.3141	7.24818
10	20.0000	137.150	274.301	24.4189	9.66423
11	25,0000	147.598	295.197	30.5236	12.0803
12					
	30.0000	157.551	315.102	36.6283	14.4964
13	40.0000	176.691	353.382	48.8377	19.3285
14	50.0000	195.295	390.590	61.0471	24.1606
15	60.0000	213.606	427.213	73.2566	28.9927

.

INPU	T PARAMETERS	3				
LWA	8.000		FREQ	9.0000		4947.00
₹TG ₹L	671.0 500.0		ZX TEMP	20.000		
	RANGE	HSC		HSCSUM	нѕѕс	HKSC
0	1.00000	72.0716		144.143	1.22094	0.483212
-1-	1.50000	76.5099		153.020	1.83141	0.724818
-2	2.00000	80.1852		160.370	2.44189	0.966423
-3	3.00000	86.1688		172.338	3.66283	1.44964
-4	4.00000	91.0621		182.124	4.88377	1.93285
5	5.00000	95.4144		190.829	6.10471	2.41606
-6	6.00000	99.2532		198.506	7.32566	2.89927
7	8.00000	106.225		212.450	9.76754	3.86569
8	10.0000	112.453		224.905	12.2094	4.83212
9	15.0000	125.759		251.518	18.3141	7.24818
10	20.0000	137.150		274.301	24.4189	9.66423
11	25.0000	147.598		295.197	30.5236	12.0803
12	30.0000	157.551		315.102	36.6283	14.4964
13	40.0000	176.691		353.382	48.8377	19.3285
14	50.0000	195.295		390.590	61.0471	24.1006
15	60.0000	213.606		427.213	73.2566	28.9927
PAGE	34			•		

INPU	T PARAMETER	S				• • •
WA ETG	10.00 671.0 500.0	000	FREQ ZX TEMP	9.00000 20.0000 60.0000	CS GAMMAO GAMMA1	4947.00 0.0180000 -0.333300
	RANGE	HSC		HSCSUM	HSSC	HKSC
0-	1.00000	72.0716		144.143	1.22094	0.485212
1	1.50000	76.5099		153.020	1.83141	0.724818
2	2.00000	80.1852		160.370	2.44189	0.966423
3	3.00000	86.1688		172.338	3.66283	1.44964
-4	4.00000	91.0621		182.124	4.88377	1.93285
5	5.00000	95.4144		190.829	6.10471	2.41606
6	6.00000	99.2532		198.506	7.32566	2.89927
7	8.00000	106.225		212.450	9.76754	3.86569
8	10.0000	112.453		224.905	12.2094	4.83212
9	15.0000	125.759		251.518	18.3141	7.24818
0	20.0000	137.150		274.301	24.4189	9.66423
11-	25.0000	147.598		295.197	30.5236	12.0803
12-	30.0000	157.551		315.102	36.6283	14.4964
13	40.0000	176.691		353,382	48.8377	19.3285
14	50.0000	195.295		390.590	61.0471	24.1606
15	60.0000	213.606		427.213	73.2566	28.9927
PAGE	35			•		
700	. 39					

を のはいのでは、 できないのできない。